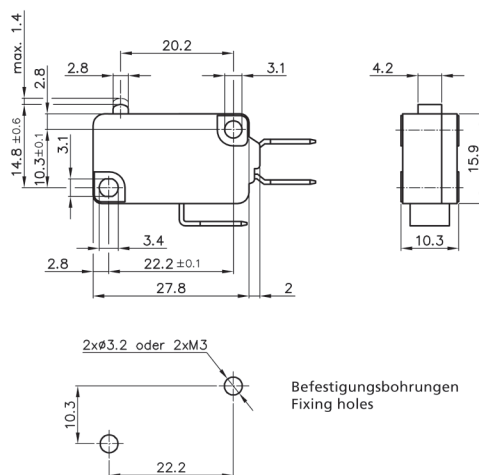




## Blattfeder Kontaktsystem

- Microschalter Bauform A gem. DIN 41635
- funktionale Endkontrolle
- solide Konstruktion
- hochwertige Materialien
- sehr genaue Schaltlage
- Sonderausführung mit 3,5N erfüllt Glühdrahtprüfung GWT750°C/2s nach DIN EN6335-1 (Hausgerätenorm)

Microschalter, auch als Schnappschalter bezeichnet, werden vorrangig als Endschalter eingesetzt, sind aber auch für viele weitere Industrieanwendungen geeignet. Die Schaltgeschwindigkeit ist weitgehend unabhängig von der eigentlichen Betätigungsgeschwindigkeit. Die nach ISO 9001:2000 zertifizierte Fertigung und die 100% funktionale Endkontrolle garantieren die zuverlässige Funktion. Bei diesen Schaltern haben wir unsere langjährige Erfahrung und Zuverlässigkeit im Schalterbau eingebracht.

## Leaf spring mechanism

- Micro switches design A acc. to DIN 41635
- functional final inspection and testing
- solid design
- high-quality materials
- very exact switching position
- special version 3.5N fulfils glow wire testing GWT750°C/2s acc. DIN EN6335-1 (household appliance standard)

Micro switches, also known as snap action switches, are primarily used as limit switches, but are also suitable for many other industry applications. The actual switching speed is completely independent from the speed of operation. ISO 9001:2000 approved production together with 100% functional final inspection and testing guarantee reliable operation. These products reflect our long standing experience in design and production of high quality switches.

### MECHANISCHE KENNWERTE

|                             |                                 |
|-----------------------------|---------------------------------|
| Mech. Lebensdauer           | Mech. lifetime                  |
| Sonderausführung 3,5N       | Special version 3.5N            |
| Elektr. Lebensdauer         | Electrical lifetime             |
| abhängig von Schaltleistung | depending on switching capacity |
| Differenzweg                | Movement differential           |
| Vorlaufweg                  | Pretravel                       |
| Nachlaufweg                 | Overtravel                      |
| Schaltpunkt                 | Operating position              |
| Kontaktöffnungsweite        | Contact opening                 |

|                                                  |
|--------------------------------------------------|
| 2 000 000 Schaltungen / 2 000 000 actuations     |
| 10 000 000 Schaltungen / 10 000 000 actuations   |
| min. 50 000 Schaltungen / min. 50 000 actuations |
| ≤ 0,4mm                                          |
| ≤ 1,4mm                                          |
| 0,75 - 1,5mm                                     |
| 14,8 ± 0,6mm                                     |
| <3mm (µ)                                         |

### SONSTIGE KENNWERTE

#### Zulassungen

### OTHER DATA

#### Approvals

ENEC-VDE, cULus

### MATERIAL

#### Gehäuse

#### Deckel

#### Betätiger

#### Anschlüsse

#### Kontakte

#### Kontaktgeber

### MATERIAL

#### Housing

#### Cover

#### Actuator

#### Terminals

#### Contacts

#### Contact spring

PBT/PET (UL94-V0)

PBT/PET (UL94-V0)

Phenolic (UL94-V0)

CuZn versilbert / CuZn Ag plated

AgNi

CuBe

# MAB1 Plunger

## 2 SCHALTLEISTUNG / RATING

|                | cULus      |   | Code: MAB1 | 01 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----------------|------------|---|------------|----|---|---|---|---|---|---|---|
| 1(0,3)A 250VAC | 1A 125VAC  | ☎ | Code: MAB1 | 02 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 5(2)A 250VAC   | 5A 125VAC  | ☎ | Code: MAB1 | 03 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10(3)A 250VAC  | 10A 125VAC | ☎ | Code: MAB1 | 04 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 16(4)A 250VAC  | 16A 125VAC | ☎ | Code: MAB1 | 04 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

## 3 BETÄTIGUNGSKRAFT / OPERATING FORCE

|      |   |            |   |   |   |   |   |   |   |   |
|------|---|------------|---|---|---|---|---|---|---|---|
| 0,8N | ☎ | Code: MAB1 | 2 | A | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,0N | ☎ | Code: MAB1 | 2 | B | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,5N | ☎ | Code: MAB1 | 2 | C | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,0N | ☎ | Code: MAB1 | 2 | D | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,5N | ☎ | Code: MAB1 | 2 | E | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,0N | ☎ | Code: MAB1 | 2 | F | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,5N | ☎ | Code: MAB1 | 2 | G | 4 | 5 | 6 | 7 | 8 | 9 |
| 4,0N | ☎ | Code: MAB1 | 2 | H | 4 | 5 | 6 | 7 | 8 | 9 |

## EMPFOHLENE KOMBINATIONEN / RECOMMENDED COMBINATIONS

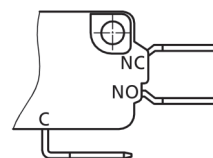
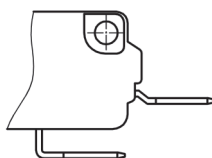
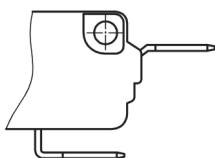
|                | 0,8N | 1,0N | 1,5N | 2,0N | 2,5N | 3,0N | 3,5N | 4,0N |
|----------------|------|------|------|------|------|------|------|------|
| 1(0,3)A 250VAC | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 5(2)A 250VAC   | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 10(3)A 250VAC  |      | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 16(4)A 250VAC  |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

## 4 UMGEBUNGSTEMPERATUR / AMBIENT TEMPERATURE

|              |   |            |   |   |    |   |   |   |   |   |
|--------------|---|------------|---|---|----|---|---|---|---|---|
| -10...+105°C | ☎ | Code: MAB1 | 2 | 3 | 01 | 5 | 6 | 7 | 8 | 9 |
| -10...+125°C | ☎ | Code: MAB1 | 2 | 3 | 02 | 5 | 6 | 7 | 8 | 9 |

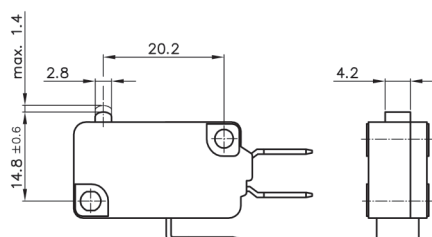
## 5 KONTAKTANORDNUNG / CONTACT ARRANGEMENT

|                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| Öffner / Normally closed     | Schließer / Normally open    | Wechsler / Change-over       |
| ☎ Code: MAB1 2 3 4 A 6 7 8 9 | ☎ Code: MAB1 2 3 4 B 6 7 8 9 | ☎ Code: MAB1 2 3 4 C 6 7 8 9 |



## 6 BETÄTIGER / ACTUATOR

|                             |
|-----------------------------|
| Stößel / Plunger            |
| Code: MAB1 2 3 4 5 01 7 8 9 |



## 7 EINHÄNGEPUNKT / FIXING POSITION

|                                               |
|-----------------------------------------------|
| Kein Zusatzbetätiger / No additional actuator |
| Code: MAB1 2 3 4 5 6 X 8 9                    |

☎ = auf Anfrage / upon request

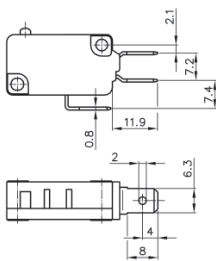
# MAB1 Stößel

8

## ANSCHLÜSSE / TERMINALS

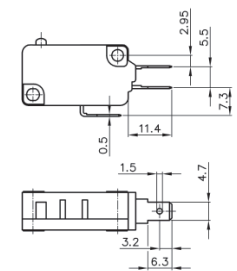
Steckanschluss 0,8x6,3mm / Plug connection

Code: MAB1 2 3 4 5 6 7 **01** 9



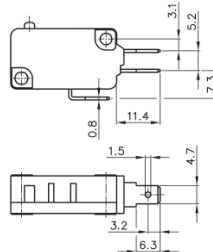
Steckanschluss 0,5x4,7mm / Plug connection

Code: MAB1 2 3 4 5 6 7 **02** 9



Steckanschluss 0,8x4,7mm / Plug connection

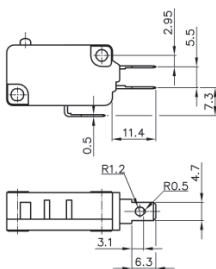
Code: MAB1 2 3 4 5 6 7 **03** 9



Steck/Lötanschluss 0,5x4,7mm

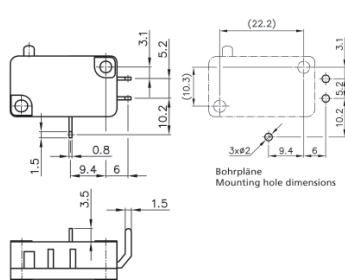
Plug/solder terminal

Code: MAB1 2 3 4 5 6 7 **04** 9



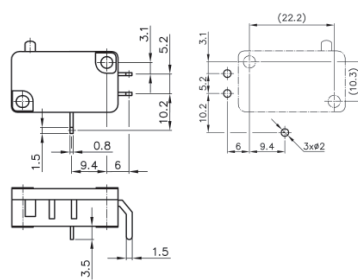
LP-Anschluss links / PCB terminal left

Code: MAB1 2 3 4 5 6 7 **05** 9



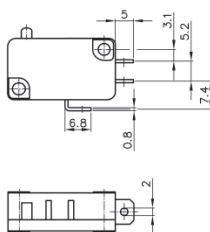
LP-Anschluss rechts / PCB terminal right

Code: MAB1 2 3 4 5 6 7 **06** 9



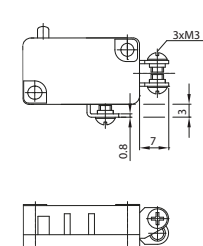
Lötöse / Solder terminal

Code: MAB1 2 3 4 5 6 7 **07** 9



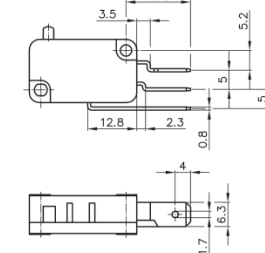
Schraubanschluss / Screw terminal

Code: MAB1 2 3 4 5 6 7 **08** 9



Rast 5 / Pin spacing 5

Code: MAB1 2 3 4 5 6 7 **09** 9



9

## KONTAKTÖFFNUNG / CONTACT GAP

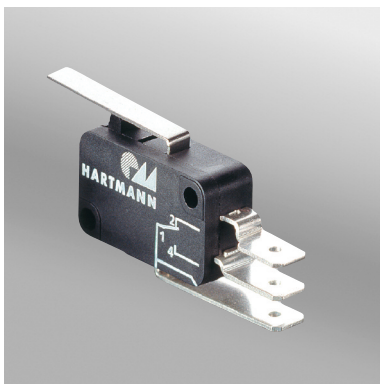
<3mm (Standard)

Code: MAB1 2 3 4 5 6 7 8 **A**

# MAB1 Plunger

ÜBERSICHT BETÄTIGER / WEGE / KRÄFTE  
OVERVIEW ACTUATORS / TRAVEL / FORCES

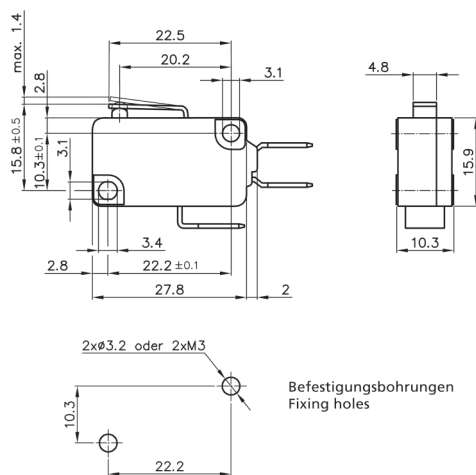
|         | Code | Zusatzbetätigerlänge<br>Actuator length | Betätigungskraft am Stößel<br>Operating force on plunger | Betätigungskraft am Zusatzbetätiger<br>Operating force on lever | Vorlaufweg<br>Pretravel | Nachlaufweg<br>Overtravel | Differenzweg<br>Movement differential | Ruhestellung<br>Free position | Schaltpunkt<br>Operating position |           |
|---------|------|-----------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------|-------------------------------|-----------------------------------|-----------|
|         |      | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Stößel  | 01   | -                                       | 0,8                                                      | A                                                               | -                       | 1,4                       | 0,75 - 1,5                            | 0,4                           | 16,8                              | 14,8 ±0,6 |
| Plunger |      |                                         | 1,0                                                      | B                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 1,5                                                      | C                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 2,0                                                      | D                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 2,5                                                      | E                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 3,0                                                      | F                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 3,5                                                      | G                                                               |                         |                           |                                       |                               |                                   |           |
|         |      |                                         | 4,0                                                      | H                                                               |                         |                           |                                       |                               |                                   |           |



## Blattfeder Kontaktsystem

- Microschalter Bauform A gem. DIN 41635
- funktionale Endkontrolle
- solide Konstruktion
- hochwertige Materialien
- sehr genaue Schaltlage
- Sonderausführung mit 3,5N erfüllt Glühdrahtprüfung GWT750°C/2s nach DIN EN6335-1 (Hausgerätenorm)

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## Leaf spring mechanism

- Micro switches design A acc. to DIN 41635
- functional final inspection and testing
- solid design
- high-quality materials
- very exact switching position
- special version 3.5N fulfils glow wire testing GWT750°C/2s acc. DIN EN6335-1 (household appliance standard)

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### MECHANISCHE KENNWERTE

|                             |                                 |
|-----------------------------|---------------------------------|
| Mech. Lebensdauer           | Mech. lifetime                  |
| Sonderausführung 3,5N       | Special version 3.5N            |
| Elektr. Lebensdauer         | Electrical lifetime             |
| abhängig von Schaltleistung | depending on switching capacity |
| Differenzweg                | Movement differential           |
| Vorlaufweg                  | Pretravel                       |
| Nachlaufweg                 | Overtravel                      |
| Schaltpunkt                 | Operating position              |
| Kontaktöffnungsweite        | Contact opening                 |

|                                                  |
|--------------------------------------------------|
| 2 000 000 Schaltungen / 2 000 000 actuations     |
| 10 000 000 Schaltungen / 10 000 000 actuations   |
| min. 50 000 Schaltungen / min. 50 000 actuations |

|                                                               |
|---------------------------------------------------------------|
| siehe Übersicht nächste Seite / please see overview next page |
| siehe Übersicht nächste Seite / please see overview next page |
| siehe Übersicht nächste Seite / please see overview next page |
| siehe Übersicht nächste Seite / please see overview next page |
| <3mm (µ)                                                      |

### SONSTIGE KENNWERTE

Zulassungen

### OTHER DATA

Approvals

ENEC-VDE, cULus

### MATERIAL

Gehäuse  
Deckel  
Betätiger  
Anschlüsse  
Kontakte  
Kontaktgeber

### MATERIAL

Housing  
Cover  
Actuator  
Terminals  
Contacts  
Contact spring

PBT/PET (UL94-V0)  
PBT/PET (UL94-V0)  
Phenolic (UL94-V0)  
CuZn versilbert / CuZn Ag plated  
AgNi  
CuBe

# MAB1 Hinge lever

## 2 SCHALTLEISTUNG / RATING

|                | cULus      |  | Code: | MAB1 | 01 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----------------|------------|--|-------|------|----|---|---|---|---|---|---|---|
| 1(0,3)A 250VAC | 1A 125VAC  |  | Code: | MAB1 | 02 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 5(2)A 250VAC   | 5A 125VAC  |  | Code: | MAB1 | 03 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10(3)A 250VAC  | 10A 125VAC |  | Code: | MAB1 | 04 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 16(4)A 250VAC  | 16A 125VAC |  | Code: | MAB1 |    | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

## 3 BETÄTIGUNGSKRAFT / OPERATING FORCE

|      |  |       |      |   |   |   |   |   |   |   |   |
|------|--|-------|------|---|---|---|---|---|---|---|---|
| 0,8N |  | Code: | MAB1 | 2 | A | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,0N |  | Code: | MAB1 | 2 | B | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,5N |  | Code: | MAB1 | 2 | C | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,0N |  | Code: | MAB1 | 2 | D | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,5N |  | Code: | MAB1 | 2 | E | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,0N |  | Code: | MAB1 | 2 | F | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,5N |  | Code: | MAB1 | 2 | G | 4 | 5 | 6 | 7 | 8 | 9 |
| 4,0N |  | Code: | MAB1 | 2 | H | 4 | 5 | 6 | 7 | 8 | 9 |

## EMPFOLHENE KOMBINATIONEN / RECOMMENDED COMBINATIONS

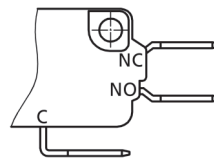
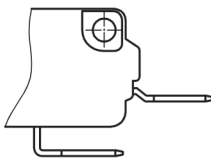
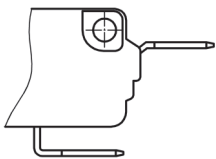
|                | 0,8N | 1,0N | 1,5N | 2,0N | 2,5N | 3,0N | 3,5N | 4,0N |
|----------------|------|------|------|------|------|------|------|------|
| 1(0,3)A 250VAC | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 5(2)A 250VAC   | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 10(3)A 250VAC  |      | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 16(4)A 250VAC  |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

## 4 UMGEBUNGSTEMPERATUR / AMBIENT TEMPERATURE

|              |  |       |      |   |   |    |   |   |   |   |   |
|--------------|--|-------|------|---|---|----|---|---|---|---|---|
| -10...+105°C |  | Code: | MAB1 | 2 | 3 | 01 | 5 | 6 | 7 | 8 | 9 |
| -10...+125°C |  | Code: | MAB1 | 2 | 3 | 02 | 5 | 6 | 7 | 8 | 9 |

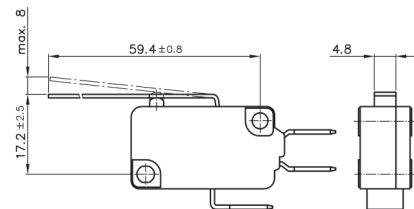
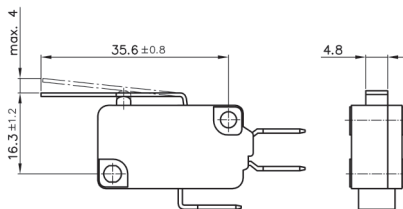
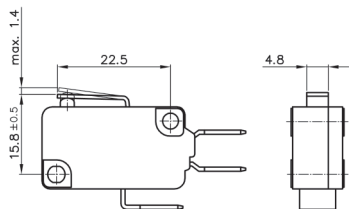
## 5 KONTAKTANORDNUNG / CONTACT ARRANGEMENT

|                           |       |      |   |   |   |   |   |   |   |   |
|---------------------------|-------|------|---|---|---|---|---|---|---|---|
| Öffner / Normally closed  | Code: | MAB1 | 2 | 3 | 4 | A | 6 | 7 | 8 | 9 |
| Schließer / Normally open | Code: | MAB1 | 2 | 3 | 4 | B | 6 | 7 | 8 | 9 |
| Wechsler / Change-over    | Code: | MAB1 | 2 | 3 | 4 | C | 6 | 7 | 8 | 9 |



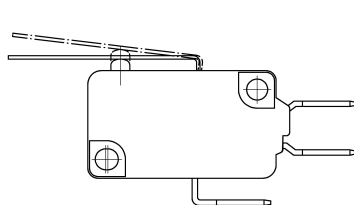
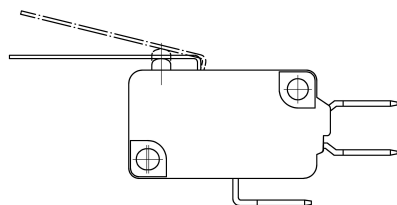
## 6 BETÄTIGER / ACTUATOR

|                                        |       |      |   |   |   |   |    |   |   |   |
|----------------------------------------|-------|------|---|---|---|---|----|---|---|---|
| Hebel kurz / Hinge lever short         | Code: | MAB1 | 2 | 3 | 4 | 5 | 03 | 7 | 8 | 9 |
| Hebel mittel / Hinge lever medium size | Code: | MAB1 | 2 | 3 | 4 | 5 | 04 | 7 | 8 | 9 |
| Hebel lang / Hinge lever long          | Code: | MAB1 | 2 | 3 | 4 | 5 | 05 | 7 | 8 | 9 |



## 7 EINHÄNGEPUNKT / FIXING POSITION

|               |       |      |   |   |   |   |   |   |   |   |
|---------------|-------|------|---|---|---|---|---|---|---|---|
| vorne / front | Code: | MAB1 | 2 | 3 | 4 | 5 | 6 | A | 8 | 9 |
| hinten / rear | Code: | MAB1 | 2 | 3 | 4 | 5 | 6 | B | 8 | 9 |



= auf Anfrage / upon request

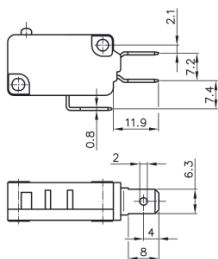
# MAB1 Hebel

8

## ANSCHLÜSSE / TERMINALS

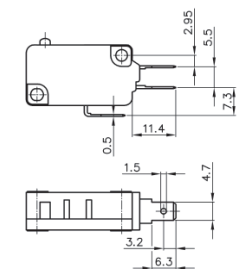
Steckanschluss 0,8x6,3mm / Plug connection

Code: MAB1 2 3 4 5 6 7 01 9



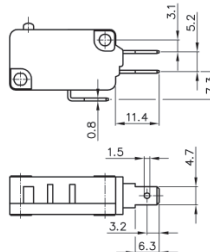
Steckanschluss 0,5x4,7mm / Plug connection

Code: MAB1 2 3 4 5 6 7 02 9



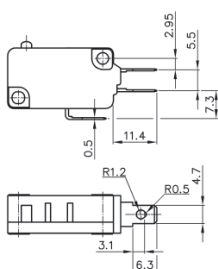
Steckanschluss 0,8x4,7mm / Plug connection

Code: MAB1 2 3 4 5 6 7 03 9



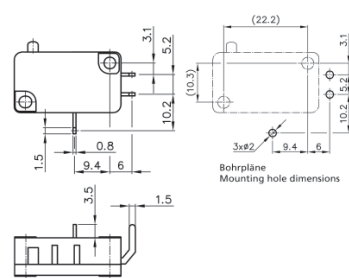
Steck/Lötanschluss 0,5x4,7mm /  
Plug/solder terminal

Code: MAB1 2 3 4 5 6 7 04 9



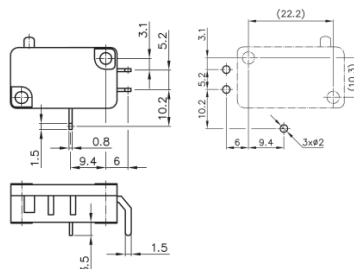
LP-Anschluss links / PCB terminal left

Code: MAB1 2 3 4 5 6 7 05 9



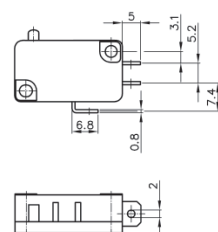
LP-Anschluss rechts / PCB terminal right

Code: MAB1 2 3 4 5 6 7 06 9



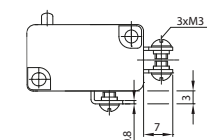
Lötöse / Solder terminal

Code: MAB1 2 3 4 5 6 7 07 9



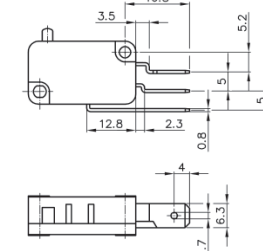
Schraubanschluss / Screw terminal

Code: MAB1 2 3 4 5 6 7 08 9



Rast 5 / Pin spacing 5

Code: MAB1 2 3 4 5 6 7 09 9



9

## KONTAKTÖFFNUNG / CONTACT GAP

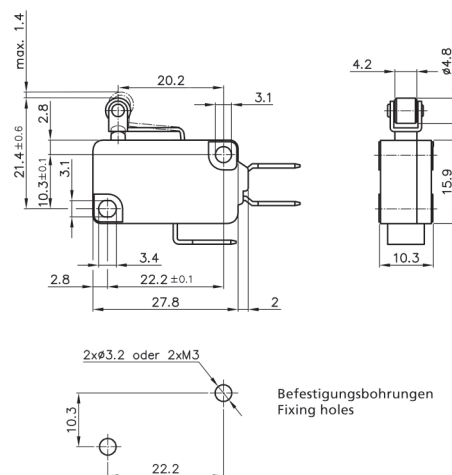
<3mm (Standard)

Code: MAB1 2 3 4 5 6 7 8 A

# MAB1 Hinge lever

ÜBERSICHT BETÄTIGER / WEGE / KRÄFTE  
OVERVIEW ACTUATORS / TRAVEL / FORCES

| Einhängepunkt vorne /<br>Fixing position front | Code | mm   | Zusatzbetätigerlänge<br>Actuator length | Code | Betätigungskraft am Stößel<br>Operating force on plunger | Betätigungskraft am Zusatzbetätiger<br>Operating force on lever | Vorlaufweg<br>Pretravel | Nachlaufweg<br>Overtravel | Differenzweg<br>Movement differential | Ruhestellung<br>Free position | Schaltpunkt<br>Operating position |
|------------------------------------------------|------|------|-----------------------------------------|------|----------------------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------|-------------------------------|-----------------------------------|
|                                                |      |      | ≤ N                                     |      | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            | mm                                |
| Hebel kurz<br>Hinge lever short                | 03   | 28,2 | 0,8                                     | A    | 0,65                                                     | 3,2                                                             | 1,5                     | 0,8                       | 19,7                                  | 16,4±1                        |                                   |
|                                                |      |      | 1,0                                     | B    | 0,79                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 1,20                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 1,60                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 2,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 2,40                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 2,80                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 3,20                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                | Code | mm   | ≤ N                                     | Code | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            |                                   |
| Hebel mittel<br>Hinge lever medium size        | 04   | 41,2 | 0,8                                     | A    | 0,45                                                     | 6,2                                                             | 3,0                     | 1,2                       | 26                                    | 17,8±1,5                      |                                   |
|                                                |      |      | 1,0                                     | B    | 0,54                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 0,85                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 1,10                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 1,38                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 1,70                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 1,95                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 2,20                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                | Code | mm   | ≤ N                                     | Code | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            |                                   |
| Hebel lang<br>Hinge lever long                 | 05   | 64,9 | 0,8                                     | A    | 0,28                                                     | 11,7                                                            | 4,5                     | 2,0                       | 34,7                                  | 20,5±2,5                      |                                   |
|                                                |      |      | 1,0                                     | B    | 0,35                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 0,52                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 0,70                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 0,87                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 1,05                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 1,22                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 1,40                                                     |                                                                 |                         |                           |                                       |                               |                                   |
| Einhängepunkt hinten /<br>Fixing position rear | Code | mm   | ≤ N                                     | Code | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            |                                   |
| Hebel kurz<br>Hinge lever short                | 03   | 22,5 | 0,8                                     | A    | 0,80                                                     | 1,4                                                             | 1,0                     | 0,5                       | 17,7                                  | 15,8±0,5                      |                                   |
|                                                |      |      | 1,0                                     | B    | 1,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 1,50                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 2,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 2,50                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 3,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 3,50                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 4,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                | Code | mm   | ≤ N                                     | Code | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            |                                   |
| Hebel mittel<br>Hinge lever medium size        | 04   | 35,6 | 0,8                                     | A    | 0,36                                                     | 4,0                                                             | 2,0                     | 1,0                       | 21,5                                  | 16,3±1,2                      |                                   |
|                                                |      |      | 1,0                                     | B    | 0,45                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 0,70                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 0,90                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 1,15                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 1,30                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 1,60                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 1,80                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                | Code | mm   | ≤ N                                     | Code | ≤ N                                                      | ≤ mm                                                            | min. mm                 | ≤ mm                      | ≤ mm                                  | mm                            |                                   |
| Hebel lang<br>Hinge lever long                 | 05   | 59,4 | 0,8                                     | A    | 0,20                                                     | 8,0                                                             | 4,0                     | 2,0                       | 27,7                                  | 17,2±2,5                      |                                   |
|                                                |      |      | 1,0                                     | B    | 0,25                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 1,5                                     | C    | 0,37                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,0                                     | D    | 0,50                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 2,5                                     | E    | 0,62                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,0                                     | F    | 0,75                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 3,5                                     | G    | 0,88                                                     |                                                                 |                         |                           |                                       |                               |                                   |
|                                                |      |      | 4,0                                     | H    | 1,00                                                     |                                                                 |                         |                           |                                       |                               |                                   |



## Blattfeder Kontaktsystem

- Microschalter Bauform A gem. DIN 41635
- funktionale Endkontrolle
- solide Konstruktion
- hochwertige Materialien
- sehr genaue Schaltlage
- Sonderausführung mit 3,5N erfüllt Glühdrahtprüfung GWT750°C/2s nach DIN EN6335-1 (Hausgerätenorm)

Microschalter, auch als Schnappschalter bezeichnet, werden vorrangig als Endschalter eingesetzt, sind aber auch für viele weitere Industrieanwendungen geeignet. Die Schaltgeschwindigkeit ist weitgehend unabhängig von der eigentlichen Betätigungsgeschwindigkeit. Die nach ISO 9001:2000 zertifizierte Fertigung und die 100% funktionale Endkontrolle garantieren die zuverlässige Funktion. Bei diesen Schaltern haben wir unsere langjährige Erfahrung und Zuverlässigkeit im Schalterbau eingebracht.

## Leaf spring mechanism

- Micro switches design A acc. to DIN 41635
- functional final inspection and testing
- solid design
- high-quality materials
- very exact switching position
- special version 3.5N fulfils glow wire testing GWT750°C/2s acc. DIN EN6335-1 (household appliance standard)

Micro switches, also known as snap action switches, are primarily used as limit switches, but are also suitable for many other industry applications. The actual switching speed is completely independent from the speed of operation. ISO 9001:2000 approved production together with 100% functional final inspection and testing guarantee reliable operation. These products reflect our long standing experience in design and production of high quality switches.

### MECHANISCHE KENNWERTE

|                             |                                 |                                                               |
|-----------------------------|---------------------------------|---------------------------------------------------------------|
| Mech. Lebensdauer           | Mech. lifetime                  | 2 000 000 Schaltungen / 2 000 000 actuations                  |
| Sonderausführung 3,5N       | Special version 3.5N            | 10 000 000 Schaltungen / 10 000 000 actuations                |
| Elektr. Lebensdauer         | Electrical lifetime             | min. 50 000 Schaltungen / min. 50 000 actuations              |
| abhängig von Schaltleistung | depending on switching capacity |                                                               |
| Differenzweg                | Movement differential           | siehe Übersicht nächste Seite / please see overview next page |
| Vorlaufweg                  | Pretravel                       | siehe Übersicht nächste Seite / please see overview next page |
| Nachlaufweg                 | Overtravel                      | siehe Übersicht nächste Seite / please see overview next page |
| Schaltpunkt                 | Operating position              | siehe Übersicht nächste Seite / please see overview next page |
| Kontaktöffnungsweite        | Contact opening                 | <3mm                                                          |

### SONSTIGE KENNWERTE

|             |           |                 |
|-------------|-----------|-----------------|
| Zulassungen | Approvals | ENEC-VDE, cULus |
|-------------|-----------|-----------------|

### MATERIAL

|              |                |                                  |
|--------------|----------------|----------------------------------|
| Gehäuse      | Housing        | PBT/PET (UL94-V0)                |
| Deckel       | Cover          | PBT/PET (UL94-V0)                |
| Betätiger    | Actuator       | Phenolic (UL94-V0)               |
| Anschlüsse   | Terminals      | CuZn versilbert / CuZn Ag plated |
| Kontakte     | Contacts       | AgNi                             |
| Kontaktgeber | Contact spring | CuBe                             |

# MAB1 Roller lever

## 2 SCHALTLEISTUNG / RATING

| SCHALTELEISTUNG / RATING |            | cULus                                                                             |            |    |   |   |   |   |   |   |   |  |
|--------------------------|------------|-----------------------------------------------------------------------------------|------------|----|---|---|---|---|---|---|---|--|
| 1(0,3)A 250VAC           | 1A 125VAC  |  | Code: MAB1 | 01 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 5(2)A 250VAC             | 5A 125VAC  |  | Code: MAB1 | 02 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 10(3)A 250VAC            | 10A 125VAC |  | Code: MAB1 | 03 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 16(4)A 250VAC            | 16A 125VAC |                                                                                   | Code: MAB1 | 04 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |

## 3 BETÄTIGUNGSKRAFT / OPERATING FORCE

|      |   |            |   |   |   |   |   |   |   |   |
|------|---|------------|---|---|---|---|---|---|---|---|
| 0,8N | ☎ | Code: MAB1 | 2 | A | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,0N | ☎ | Code: MAB1 | 2 | B | 4 | 5 | 6 | 7 | 8 | 9 |
| 1,5N | ☎ | Code: MAB1 | 2 | C | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,0N | ☎ | Code: MAB1 | 2 | D | 4 | 5 | 6 | 7 | 8 | 9 |
| 2,5N | ☎ | Code: MAB1 | 2 | E | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,0N | ☎ | Code: MAB1 | 2 | F | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,5N | ☎ | Code: MAB1 | 2 | G | 4 | 5 | 6 | 7 | 8 | 9 |
| 4,0N | ☎ | Code: MAB1 | 2 | H | 4 | 5 | 6 | 7 | 8 | 9 |

## EMPFOHLENE KOMBINATIONEN / RECOMMENDED COMBINATIONS

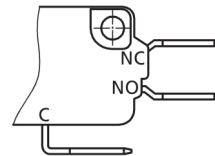
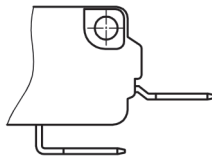
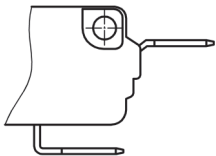
|                | 0,8N | 1,0N | 1,5N | 2,0N | 2,5N | 3,0N | 3,5N | 4,0N |
|----------------|------|------|------|------|------|------|------|------|
| 1(0,3)A 250VAC | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 5(2)A 250VAC   | ■    | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 10(3)A 250VAC  |      | ■    | ■    | ■    | ■    | ■    |      | ■    |
| 16(4)A 250VAC  |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

## 4 UMGEBUNGSTEMPERATUR / AMBIENT TEMPERATURE

|              |   |            |   |   |    |   |   |   |   |   |
|--------------|---|------------|---|---|----|---|---|---|---|---|
| -10...+105°C | ☎ | Code: MAB1 | 2 | 3 | 01 | 5 | 6 | 7 | 8 | 9 |
| -10...+125°C | ☎ | Code: MAB1 | 2 | 3 | 02 | 5 | 6 | 7 | 8 | 9 |

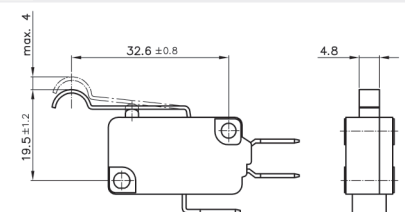
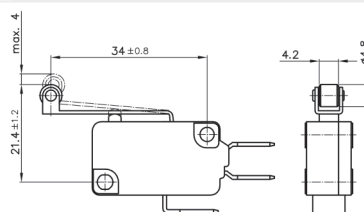
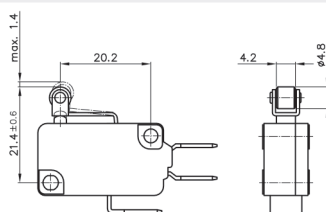
## 5 KONTAKTANORDNUNG / CONTACT ARRANGEMENT

|                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| Öffner / Normally closed     | Schließer / Normally open    | Wechsler / Change-over       |
| ☎ Code: MAB1 2 3 4 A 6 7 8 9 | ☎ Code: MAB1 2 3 4 B 6 7 8 9 | ☎ Code: MAB1 2 3 4 C 6 7 8 9 |



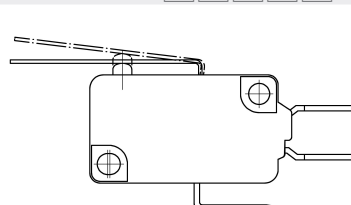
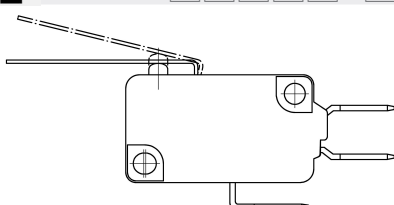
## 6 BETÄTIGER / ACTUATOR

|                                 |                                |                                     |
|---------------------------------|--------------------------------|-------------------------------------|
| Rolle kurz / Roller lever short | Rolle lang / Roller lever long | Simulierte Rolle / Simulated roller |
| ☎ Code: MAB1 2 3 4 5 06 7 8 9   | ☎ Code: MAB1 2 3 4 5 07 7 8 9  | ☎ Code: MAB1 2 3 4 5 08 7 8 9       |



## 7 EINHÄNGEPUNKT / FIXING POSITION

|                              |                              |
|------------------------------|------------------------------|
| vorne / front                | hinten / rear                |
| ☎ Code: MAB1 2 3 4 5 6 A 8 9 | ☎ Code: MAB1 2 3 4 5 6 B 8 9 |



☎ = auf Anfrage / upon request

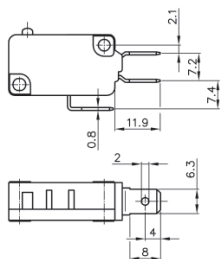
# MAB1 Rolle

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## ANSCHLÜSSE / TERMINALS

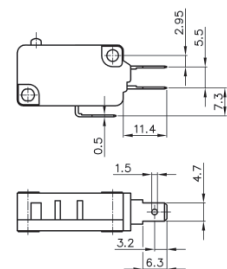
Steckanschluss 0,8x6,3mm / Plug connection

Code: MAB1 2 3 4 5 6 7 **01** 9



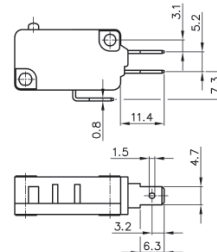
Steckanschluss 0,5x4,7mm / Plug connection

Code: MAB1 2 3 4 5 6 7 **02** 9



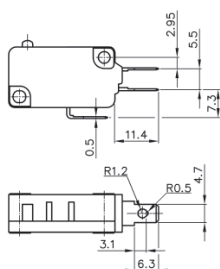
Steckanschluss 0,8x4,7mm / Plug connection

Code: MAB1 2 3 4 5 6 7 **03** 9



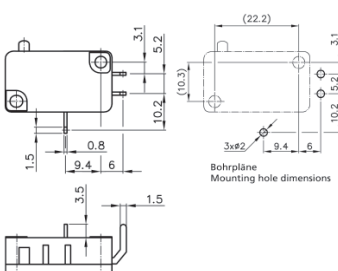
Steck/Löten. 0,5x4,7mm /  
Plug/solder terminal

Code: MAB1 2 3 4 5 6 7 **04** 9



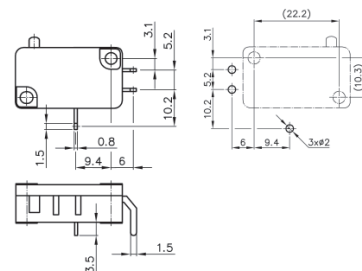
LP-Anschluss links / PCB terminal left

Code: MAB1 2 3 4 5 6 7 **05** 9



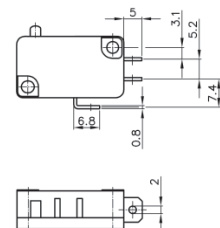
LP-Anschluss rechts / PCB terminal right

Code: MAB1 2 3 4 5 6 7 **06** 9



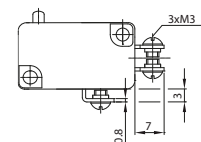
Lötöse / Solder terminal

Code: MAB1 2 3 4 5 6 7 **07** 9



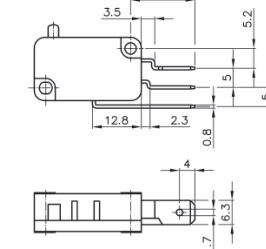
Schraubanschluss / Screw terminal

Code: MAB1 2 3 4 5 6 7 **08** 9



Rast 5 / Pin spacing 5

Code: MAB1 2 3 4 5 6 7 **09** 9



9

## KONTAKTÖFFNUNG / CONTACT GAP

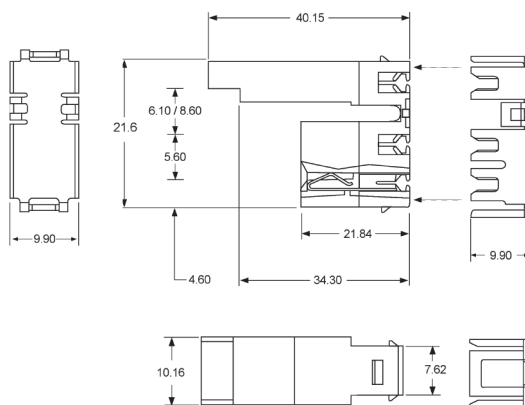
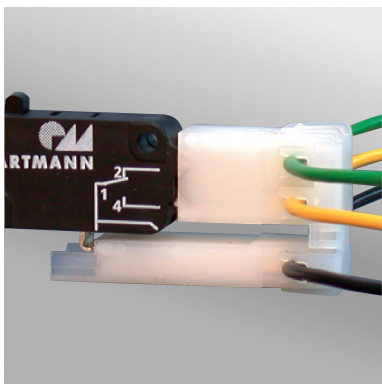
<3mm (Standard)

Code: MAB1 2 3 4 5 6 7 8 **A**

## MAB1 Roller lever

## ÜBERSICHT BETÄTIGER / WEGE / KRÄFTE OVERVIEW ACTUATORS / TRAVEL / FORCES

| ÜBERSICHT BETÄTIGER / WEGE / KRÄFTE<br>OVERVIEW ACTUATORS / TRAVEL / FORCES |      |                                         |                                                          |                                                                 |                         |                           |                                       |                               |                                   |           |
|-----------------------------------------------------------------------------|------|-----------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------|-------------------------------|-----------------------------------|-----------|
|                                                                             |      | Zusatzbetätigerlänge<br>Actuator length | Betätigungskraft am Stößel<br>Operating force on plunger | Betätigungskraft am Zusatzbetätiger<br>Operating force on lever | Vorlaufweg<br>Pretravel | Nachlaufweg<br>Overtravel | Differenzweg<br>Movement differential | Ruhestellung<br>Free position | Schaltpunkt<br>Operating position |           |
| Einhängepunkt vorne /<br>Fixing position front                              | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Rolle kurz<br>Roller lever short                                            | 06   | 25,6                                    | 0,8                                                      | A                                                               | 0,69                    | 2,4                       | 1,5                                   | 0,8                           | 25,5                              | 22,5±0,6  |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 0,87                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 1,30                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 1,74                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 2,17                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 2,60                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 3,00                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 3,48                    |                           |                                       |                               |                                   |           |
|                                                                             | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Rolle lang<br>Roller lever long                                             | 07   | 39,4                                    | 0,8                                                      | A                                                               | 0,45                    | 5,6                       | 2,5                                   | 1,2                           | 30,8                              | 24,0±1,2  |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 0,56                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 0,84                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 1,12                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 1,40                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 1,68                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 0,95                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 2,25                    |                           |                                       |                               |                                   |           |
|                                                                             | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Simulierte Rolle<br>Simulated roller lever                                  | 08   | 38,2                                    | 0,8                                                      | A                                                               | 0,47                    | 5,6                       | 2,5                                   | 1,2                           | 27,6                              | 20,8±1,2  |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 0,59                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 0,88                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 1,18                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 1,47                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 1,76                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 2,06                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 2,35                    |                           |                                       |                               |                                   |           |
| Einhängepunkt hinten /<br>Fixing position rear                              | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Rolle kurz<br>Roller lever short                                            | 06   | 20,2                                    | 0,8                                                      | A                                                               | 0,90                    | 1,4                       | 1,0                                   | 0,4                           | 23,4                              | 21,4 ±0,6 |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 1,10                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 1,60                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 2,20                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 2,66                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 3,20                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 3,72                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 4,25                    |                           |                                       |                               |                                   |           |
|                                                                             | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Rolle lang<br>Roller lever long                                             | 07   | 34                                      | 0,8                                                      | A                                                               | 0,40                    | 4,0                       | 2,0                                   | 1,0                           | 26,6                              | 21,4 ±1,2 |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 0,50                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 0,80                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 1,00                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 1,30                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 1,60                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 1,87                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 2,14                    |                           |                                       |                               |                                   |           |
|                                                                             | Code | mm                                      | ≤ N                                                      | Code                                                            | ≤ N                     | ≤ mm                      | min. mm                               | ≤ mm                          | ≤ mm                              | mm        |
| Simulierte Rolle<br>Simulated roller lever                                  | 08   | 32,6                                    | 0,8                                                      | A                                                               | 0,43                    | 4,0                       | 2,0                                   | 1,0                           | 24,7                              | 19,5 ±1,2 |
|                                                                             |      |                                         | 1,0                                                      | B                                                               | 0,54                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 1,5                                                      | C                                                               | 0,81                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,0                                                      | D                                                               | 1,08                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 2,5                                                      | E                                                               | 1,35                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,0                                                      | F                                                               | 1,62                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 3,5                                                      | G                                                               | 1,89                    |                           |                                       |                               |                                   |           |
|                                                                             |      |                                         | 4,0                                                      | H                                                               | 2,16                    |                           |                                       |                               |                                   |           |



## Stecker für Steckanschluss 0,5x4,7mm

- Alternative zu Einzelverdrahtung
- für End- und Durchgangsverbindungen
- zuverlässiger und schneller Schneidklemmanschluss
- zusätzliche Zugentlastungskappe montierbar
- servicefreundlich durch einfaches Aufstecken und Abziehen

## Connector for Plug Connection 0.5x4.7mm

- alternative solution to discrete wiring
- for end- and feed-through connections
- reliable and fast IDC connection
- strain relief cap available
- easy on and easy off maintenance

### MECHANISCHE KENNWERTE

Umgebungstemperatur

Zulassungen

### MECHANICAL DATA

Ambient temperature

Approvals

-55...+85°C

UL

### ELEKTRISCHE KENNWERTE

Stromtragfähigkeit

bei AWG18 (ca. 0,8mm<sup>2</sup>)

bei AWG20 (ca. 0,5mm<sup>2</sup>)

bei AWG22 (ca. 0,3mm<sup>2</sup>)

Prüfspannung

Isolationswiderstand

### ELECTRICAL DATA

Current rating

for AWG18 (approx. 0.8mm<sup>2</sup>)

for AWG20 (approx. 0.5mm<sup>2</sup>)

for AWG22 (approx. 0.3mm<sup>2</sup>)

Test voltage

Insulation resistance

10A

6,5A

6,5A

3,8kVAC

>5000MΩ

### MATERIAL

Gehäuse

Kontakte

Oberfläche

### MATERIAL

Housing

Contacts

Plating

PA(UL94-V2)

Phosphorbronze / Phosphor Bronze

Zinn über Nickel / Tin over Nickel

## BESTELLBEZEICHNUNG / ORDERCODE

Stecker für AWG18 / Connector for AWG18

Stecker für AWG20 / Connector for AWG20

Stecker für AWG22 / Connector for AWG22

Kappe für AWG18 / Cap for AWG18

Kappe für AWG20, 22 / Cap for AWG20, 22

Manuelles Montagewerkzeug / Manual fitting tool

Code: **SMA02 180301**

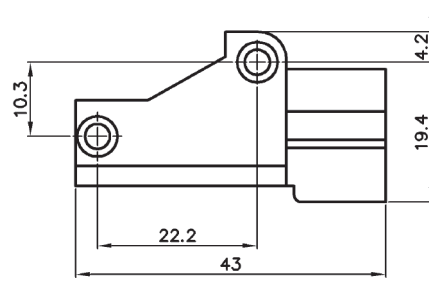
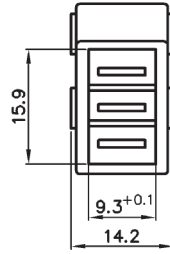
Code: **SMA02 200301**

Code: **SMA02 220301**

Code: **ZMA02 18**

Code: **ZMA02 20**

Code: **WMA02 M**



## Adaptergehäuse für Rast5-Steckanschluss

- sichere Verbindung der Schalter mit dem Adaptergehäuse durch Befestigungsbohrungen

| MATERIAL |         | MATERIAL        |
|----------|---------|-----------------|
| Gehäuse  | Housing | PBT             |
| Farbe    | Colour  | schwarz / black |

## BESTELLBEZEICHNUNG / ORDERCODE

|                                        |
|----------------------------------------|
| Adaptergehäuse / Adapter element       |
| Code: Adaptergehäuse / Adapter element |

## Adapter element for Rast5-plug-connection

- reliable joining of switch and adapter element by fixing holes