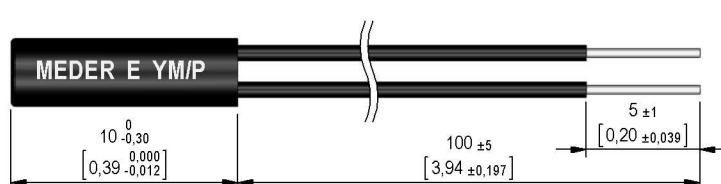
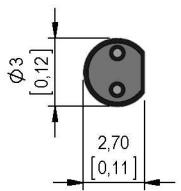


Preliminary Datasheet

Dimensions mm[inch]

 tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



Isometric

Scale 1:1
Maßstab 1:1



Cable

PVC single wire AWG30, 105°C, 30V
 UL-Style 1685 or 1692
 colour of wires: black
 PVC Einzelleiter AWG30, 105°C, 30V
 UL-Style 1685 oder 1692
 Aderfarben: schwarz

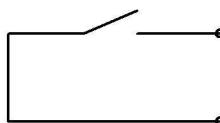
Terminals/Connector

Ends tinned
Enden verzinkt

ATTENTION!

mechanically stress not allowed.
 Sensorgehäuse darf nicht
 mechanisch belastet werden.

Schematic



Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte



| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|---------------------|------------|-----|-----|----------------|------|
| Pull-In | at 20°C | 80 | | 100 | AT |
| Test equipment | | | | KMS-11 + AP113 | |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|-------------------------|--|-----|-------------|-----|------|
| Contact - No. | | | 80 | | |
| Contact - form | | | A - NO | | |
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage | DC or Peak AC | | | 30 | V |
| Carry current | DC or Peak AC | | | 0,5 | A |
| Switching current | DC or Peak AC | | | 0,5 | A |
| Sensor-resistance | measured with 40% overdrive | | | 280 | mOhm |
| Housing material | | | PBT 30%GF | | |
| Case colour | | | black | | |
| Sealing compound | | | Polyurethan | | |
| Reach / RoHS conformity | | | yes | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|------------------------------------|-----|-----|-----|------|
| Shock | 1/2 sine, duration 11ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | cable not moved | -30 | | 70 | °C |
| Operating temperature | cable moved | -5 | | 70 | °C |
| Storage temperature | | -30 | | 70 | °C |

| General data | Conditions | Min | Typ | Max | Unit |
|-----------------|------------|---|-----|-----|------|
| Mounting advice | | over 5m cable, a resistor is recommended. | | | |