



## Magnetventilsteckverbinder Bauform B

### *Solenoid valve connectors size B*

#### **Gerätesteckdosen** **Magnetventilsteckdosen** **Verbindungsleitungen**

- Niedriges Gehäuse
- Schutzart IP65/IP67 <sup>1)</sup>
- Beschaltete Varianten
- Versionen mit angespritztem Kabel
- Industrie
- DIN EN 175301-803 (ersetzt DIN 43650)

#### **Female power connectors** **Female solenoid valve connectors** **Connecting cables**

- Low housing
- Degree of protection IP65/IP67 <sup>1)</sup>
- Wired versions
- Moulded versions
- Industrial standard
- DIN EN 175301-803 (replaces DIN 43650)



Aufbau des Steckverbinders:  
Construction of the connector:

Gerätesteckdose mit  
Gerätestecker  
Female power connector with  
male power connector

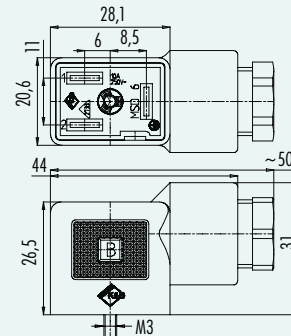
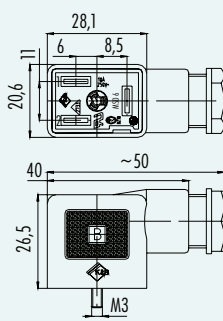
Gerätesteckdose Industrie  
Female power connector  
industrial standard

Gerätesteckdose DIN  
Female power connector DIN

Magnetventilsteckdose Industrie  
Female solenoid valve connector  
industrial standard

Magnetventilsteckdose DIN  
Female solenoid valve connector DIN



**Magnetventilsteckverbinder Bauform B Serie 225**  
**Solenoid valve connectors size B series 225****Industrie**  
**Industrial standard****Bezeichnung**  
**Description****Gerätesteckdose Industrie**  
**Female power connector industrial standard****Abbildung**  
**Figure****Gerätesteckdose Industrie,**  
**metrisches Gewinde M16**  
**Female power connector industrial standard,**  
**metric thread M16****Maßzeichnung**  
**Drawing****Bestell-Nr.**  
**Ordering-No.**

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Bestell-Nummer<br>Ordering-Number                                                                  |
|---------------------|------------------------------------------|----------------------------------------------------------------------------------------------------|
| 2+PE                | 6-8                                      | 43-1830-000-03  |

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------------|-----------------------------------|
| 2+PE                | 6-10                                     | 43-1830-004-03                    |

**Technische Daten**  
**Specifications**

|                             |                                                                                 |                          |
|-----------------------------|---------------------------------------------------------------------------------|--------------------------|
| Polzahl                     | 2+PE                                                                            | Number of contacts       |
| Steckverbinder Verriegelung | Zentrierschraube/central screw                                                  | Connector locking system |
| Anschlussart                | Schrauben/screw                                                                 | Termination              |
| Anschlussquerschnitt        | min. 0,34 mm <sup>2</sup> (min. AWG 22), max. 1,5 mm <sup>2</sup> (max. AWG 16) | Wire gauge               |
| Kabeldurchlass              | 6-8 mm, 6-10 mm                                                                 | Cable outlet             |
| Schutzart                   | IP65                                                                            | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                                             | Mechanical operation     |
| Obere Grenztemperatur       | + 120 °C mit Dichtung 16-8105-000/with seal 16-8105-000                         | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C mit Dichtung 16-8105-000/with seal 16-8105-000                          | Lower temperature        |
| Bemessungsspannung          | 250 V                                                                           | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                                                                          | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                                               | Pollution degree         |
| Überspannungskategorie      | III                                                                             | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                                                             | Material group           |
| Bemessungsstrom (40 °C)     | 10 A                                                                            | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                                         | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                                                            | Material of contact      |
| Kontaktoberfläche           | Ni (Nickel/nickel)                                                              | Contact plating          |
| Material Kontaktkörper      | PA (UL 94 HB)                                                                   | Material of contact body |
| Material Gehäuse            | PA (UL 94 HB)                                                                   | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 225 Solenoid valve connectors size B series 225

Industrie  
Industrial standard

Bezeichnung  
Description

Abbildung  
Figure

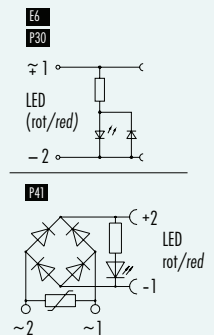
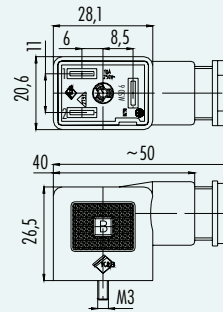
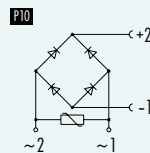
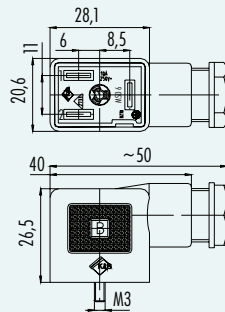
Gerätesteckdose **Industrie,**  
**beschaltet**  
Female power connector **industrial standard,**  
**wired**



Gerätesteckdose **Industrie,**  
**beschaltet, LED**  
Female power connector **industrial standard,**  
**wired, LED**



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Schaltung<br>Wiring | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE                | 6-8                                      | P10 230 V           | 2 A                    | 43-1832-110-03                    |

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Schaltung<br>Wiring | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE                | 6-8                                      | E6 24 V             | 10 A                   | 43-1834-135-03                    |
|                     | 6-8                                      | P30 220 V           | 10 A                   | 43-1834-130-03                    |
|                     | 6-8                                      | P41 24 V            | 2 A                    | 43-1834-141-03                    |

Technische Daten  
Specifications

|                             |                                                                                 |                          |
|-----------------------------|---------------------------------------------------------------------------------|--------------------------|
| Polzahl                     | 2+PE                                                                            | Number of contacts       |
| Steckverbinder Verriegelung | Zentalschraube/central screw                                                    | Connector locking system |
| Anschlussart                | schrauben/screw                                                                 | Termination              |
| Anschlussquerschnitt        | min. 0,34 mm <sup>2</sup> (min. AWG 22), max. 1,5 mm <sup>2</sup> (max. AWG 16) | Wire gauge               |
| Kabeldurchlass              | 6-8 mm                                                                          | Cable outlet             |
| Schutzart                   | IP65                                                                            | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                                             | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                                         | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                                         | Lower temperature        |
| Bemessungsspannung          | 24 V, 250 V                                                                     | Rated voltage            |
| Bemessungs-Stoßspannung     | 800 V                                                                           | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                                               | Pollution degree         |
| Überspannungskategorie      | III                                                                             | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                                                             | Material group           |
| Bemessungsstrom (40 °C)     | 2 A, 10 A                                                                       | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                                         | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                                                            | Material at contact      |
| Kontaktoberfläche           | Ni (Nickel/nickel)                                                              | Contact plating          |
| Material Kontaktkörper      | PA (UL 94 HB)                                                                   | Material of contact body |
| Material Gehäuse            | PA (UL 94 HB)                                                                   | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 220

### Solenoid valve connectors size B series 220

DIN  
DIN

Bezeichnung  
Description

Gerätesteckdose **DIN EN 175301-803**  
Female power connector **DIN EN 175301-803**

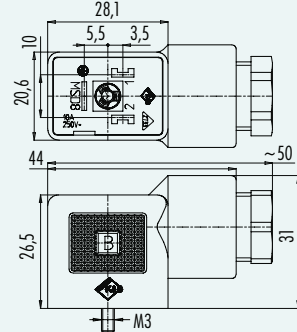
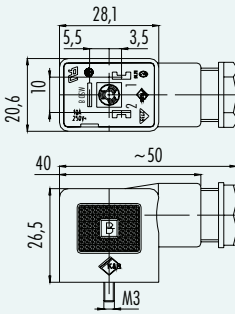
Abbildung  
Figure



Gerätesteckdose **DIN EN 175301-803**,  
**metrisches Gewinde M16**  
Female power connector **DIN EN 175301-803**,  
**metric thread M16**



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------------|-----------------------------------|
| 2+PE                | 6-8                                      | 43-1800-000-03                    |

| Polzahl<br>Contacts | Kabeldurchlass (mm)<br>Cable outlet (mm) | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------------|-----------------------------------|
| 2+PE                | 6-10                                     | 43-1800-004-03                    |

Technische Daten  
Specifications

|                             |                                                                                 |                          |
|-----------------------------|---------------------------------------------------------------------------------|--------------------------|
| Polzahl                     | 2+PE                                                                            | Number of contacts       |
| Steckverbinder Verriegelung | Zentalschraube/central screw                                                    | Connector locking system |
| Anschlussart                | Schrauben/screw                                                                 | Termination              |
| Anschlussquerschnitt        | min. 0,34 mm <sup>2</sup> (min. AWG 22), max. 1,5 mm <sup>2</sup> (max. AWG 16) | Wire gauge               |
| Kabeldurchlass              | 6-8 mm, 6-10 mm                                                                 | Cable outlet             |
| Schutzart                   | IP65                                                                            | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                                             | Mechanical operation     |
| Obere Grenztemperatur       | + 120 °C mit Dichtung 16-8100-000/with seal 16-8100-000                         | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C mit Dichtung 16-8100-000/with seal 16-8100-000                          | Lower temperature        |
| Bemessungsspannung          | 250 V                                                                           | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                                                                          | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                                               | Pollution degree         |
| Überspannungskategorie      | III                                                                             | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                                                             | Material group           |
| Bemessungsstrom (40 °C)     | 10 A                                                                            | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                                         | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                                                            | Material of contact      |
| Kontaktoberfläche           | Ni (Nickel/nickel)                                                              | Contact plating          |
| Material Kontaktkörper      | PA (UL 94 HB)                                                                   | Material of contact body |
| Material Gehäuse            | PA (UL 94 HB)                                                                   | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 225 - 220

### Solenoid valve connectors size B series 225 - 220

#### Bezeichnung Description

#### Abbildung Figure

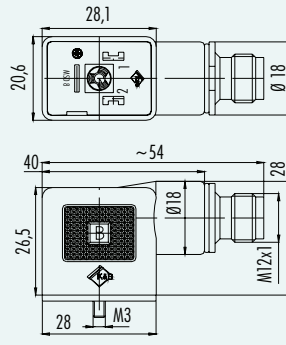
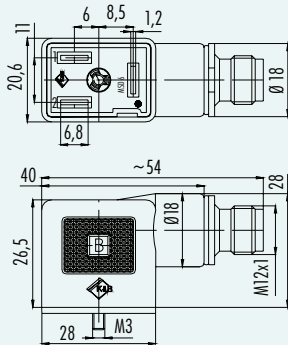
Adapter Serie 225  
Gerätesteckdose **Industrie**, M12  
Adapter series 225  
Female power connector **industrial standard**, M12



Adapter Serie 220  
Gerätesteckdose **DIN EN 175301-803**, M12  
Adapter series 220  
Female power connector **DIN EN 175301-803**, M12



#### Maßzeichnung Drawing



#### Bestell-Nr. Ordering-No.

| Polzahl<br>Contacts | Bestell-Nummer<br>Ordering-Number |
|---------------------|-----------------------------------|
| 2+PE                | 99-5712-00-03                     |

| Polzahl<br>Contacts | Bestell-Nummer<br>Ordering-Number |
|---------------------|-----------------------------------|
| 2+PE                | 99-5718-00-03                     |

#### Technische Daten Specifications

|                             |                                            |                          |
|-----------------------------|--------------------------------------------|--------------------------|
| Polzahl                     | 2+PE                                       | Number of contacts       |
| Steckverbinder Verriegelung | Zentalschraube/central screw               | Connector locking system |
| Anschlussart                | Schrauben/screw                            | Termination              |
| Anschlussquerschnitt        | min. 0,34 mm <sup>2</sup> (min. AWG 22)    | Wire gauge               |
| Kabeldurchlass              | —                                          | Cable outlet             |
| Schutzart                   | IP65                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                    | Lower temperature        |
| Bemessungsspannung          | 250 V                                      | Rated voltage            |
| Bemessungs-Stoßspannung     | 8000 V                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                          | Pollution degree         |
| Überspannungskategorie      | II                                         | Overvoltage categorie    |
| Isolierstoffgruppe          | II                                         | Material group           |
| Bemessungsstrom (40 °C)     | 4 A                                        | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze), CuZn (Messing/brass) | Material at contact      |
| Kontaktoberfläche           | Ni (Nickel/nickel), Au (Gold/gold)         | Contact plating          |
| Material Kontaktkörper      | PA (UL 94 HB)                              | Material of contact body |
| Material Gehäuse            | PA (UL 94 HB)                              | Material of housing      |



## Magnetventilsteckverbinder Bauform B Serie 225

### Solenoid valve connectors size B series 225

## Industrie

### Industrial standard

#### Bezeichnung

#### Description

Magnetventilsteckdose **Industrie**,  
Kabel angespritzt PUR 0,75mm<sup>2</sup>  
Female solenoid valve connector **industrial standard**,  
moulded cable PUR 0,75mm<sup>2</sup>

#### Abbildung

#### Figure

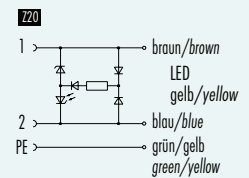
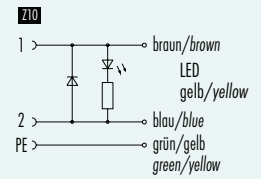
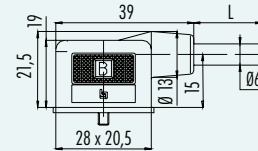
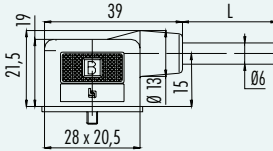


Magnetventilsteckdose **Industrie**,  
Kabel angespritzt PUR 0,75mm<sup>2</sup>, **beschaltet, LED**  
Female solenoid valve connector **industrial standard**,  
moulded cable PUR 0,75mm<sup>2</sup>, **wired, LED**



#### Maßzeichnung

#### Drawing



#### Bestell-Nr.

#### Ordering-No.

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE                | 3                                  | 250 V               | 10 A                   | 30-1313-300-000                   |
|                     | 5                                  | 250 V               | 10 A                   | 30-1313-500-000                   |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE Z10            | 3                                  | 24 V                | 10 A                   | 30-1313-300-510                   |
|                     | 5                                  | 24 V                | 10 A                   | 30-1313-500-510                   |
| 2+PE Z20            | 3                                  | 24 V                | 10 A                   | 30-1313-300-520                   |
|                     | 5                                  | 24 V                | 10 A                   | 30-1313-500-520                   |

#### Technische Daten

#### Specifications

| Polzahl                     | 2+PE                                                       | Number of contacts       |
|-----------------------------|------------------------------------------------------------|--------------------------|
| Steckverbinder Verriegelung | Zentalschraube/central screw                               | Connector locking system |
| Anschlussart                | schneidklemm, am Kabel angespritzt/IDT connection, moulded | Termination              |
| Anschlussquerschnitt        | 0,75 mm <sup>2</sup> (AWG 20)                              | Wire gauge               |
| Kabeldurchlass              | —                                                          | Cable outlet             |
| Schutzart                   | IP67                                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                    | Lower temperature        |
| Bemessungsspannung          | 250 V, 24 V                                                | Rated voltage            |
| Bemessungsstoßspannung      | 4000 V                                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                          | Pollution degree         |
| Überspannungskategorie      | III                                                        | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                                        | Material group           |
| Bemessungsstrom (40 °C)     | 10 A                                                       | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                                       | Material at contact      |
| Kontaktoberfläche           | Sn (Zinn/tin)                                              | Contact plating          |
| Material Kontaktkörper      | PC/PA                                                      | Material of contact body |
| Material Gehäuse            | PBT                                                        | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 220

### Solenoid valve connectors size B series 220

**DIN**  
**DIN**

Bezeichnung  
Description

Abbildung  
Figure

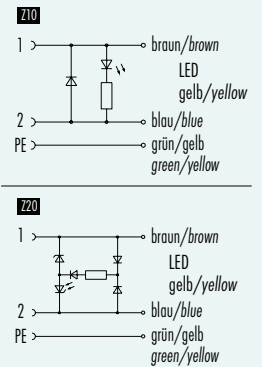
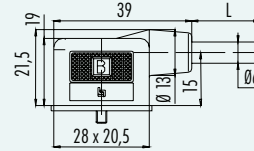
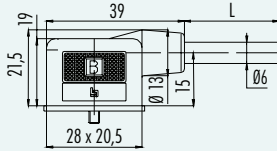
Magnetventilsteckdose **DIN EN 175301-803**,  
Kabel angespritzt PUR 0,75mm<sup>2</sup>  
Female solenoid valve connector **DIN EN 175301-803**,  
moulded cable PUR 0,75mm<sup>2</sup>



Magnetventilsteckdose **DIN EN 175301-803**,  
Kabel angespritzt PUR 0,75mm<sup>2</sup>, **beschaltet, LED**  
Female solenoid valve connector **DIN EN 175301-803**,  
moulded cable PUR 0,75mm<sup>2</sup>, **wired, LED**



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE                | 3                                  | 250 V               | 10 A                   | 32-1313-300-000                   |
|                     | 5                                  | 250 V               | 10 A                   | 32-1313-500-000                   |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Strom<br>Rated current | Bestell-Nummer<br>Ordering-Number |
|---------------------|------------------------------------|---------------------|------------------------|-----------------------------------|
| 2+PE Z10            | 3                                  | 24 V                | 10 A                   | 32-1313-300-510                   |
|                     | 5                                  | 24 V                | 10 A                   | 32-1313-500-510                   |
| 2+PE Z20            | 3                                  | 24 V                | 10 A                   | 32-1313-300-520                   |
|                     | 5                                  | 24 V                | 10 A                   | 32-1313-500-520                   |

Technische Daten  
Specifications

| Polzahl                     | 2+PE                                                       | Number of contacts       |
|-----------------------------|------------------------------------------------------------|--------------------------|
| Steckverbinder Verriegelung | Zentalschraube/central screw                               | Connector locking system |
| Anschlussart                | schneidklemm, am Kabel angespritzt/IDT connection, moulded | Termination              |
| Anschlussquerschnitt        | 0,75 mm <sup>2</sup> (AWG 20)                              | Wire gauge               |
| Kabeldurchlass              | —                                                          | Cable outlet             |
| Schutzart                   | IP67                                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                    | Lower temperature        |
| Bemessungsspannung          | 250 V, 24 V                                                | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                          | Pollution degree         |
| Überspannungskategorie      | III                                                        | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                                        | Material group           |
| Bemessungsstrom (40°C)      | 10 A                                                       | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                                       | Material at contact      |
| Kontaktoberfläche           | Sn (Zinn/tin)                                              | Contact plating          |
| Material Kontaktkörper      | PC/PA                                                      | Material of contact body |
| Material Gehäuse            | PBT                                                        | Material of housing      |



## Magnetventilsteckverbinder Bauform B Serie 225

### Solenoid valve connectors size B series 225

## Industrie

### Industrial standard

#### Bezeichnung

#### Description

#### Abbildung

#### Figure

Verbindungsleitung,  
Magnetventilsteckdose **Industrie** - M12 Stecker gerade,  
PUR 3x0,75mm<sup>2</sup>  
Connecting cable,  
Female power connector **industrial standard** - M12 male  
connector straight, PUR 3x0,75mm<sup>2</sup>



Verbindungsleitung,  
Magnetventilsteckdose **Industrie** - M12 Stecker gerade,  
PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED  
Connecting cable,  
Female power connector **industrial standard** - M12 male  
connector straight, PUR 3x0,75mm<sup>2</sup>, **wired**, LED

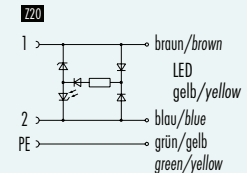
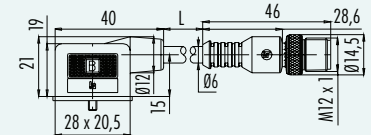
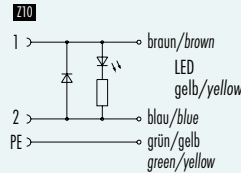
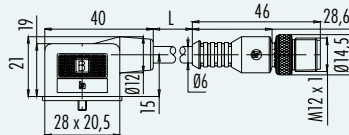
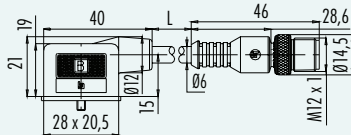


Verbindungsleitung,  
Magnetventilsteckdose **Industrie** - M12 Stecker gerade,  
PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED, Freilaufdiode  
Connecting cable,  
Female power connector **industrial standard** - M12 male  
connector straight, PUR 3x0,75mm<sup>2</sup>, **wired**, LED, recovery  
diode



#### Maßzeichnung

#### Drawing



#### Bestell-Nr.

#### Ordering-No.

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|-----------------------------|
| 2+PE                | 1                                  | 79-5712-10-03               |
|                     | 2                                  | 79-5712-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z10         | 1                                  | 24 V<br>4 A         | 79-5714-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5714-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z20         | 1                                  | 24 V<br>4 A         | 79-5716-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5716-20-03               |

#### Technische Daten

#### Specifications

| Polzahl                     | 2+PE                                                       | Number of contacts       |
|-----------------------------|------------------------------------------------------------|--------------------------|
| Steckverbinder Verriegelung | Zentalschraube/central screw                               | Connector locking system |
| Anschlussart                | schneidklemm, am Kabel angespritzt/IDT connection, moulded | Termination              |
| Anschlussquerschnitt        | 0,75 mm <sup>2</sup> (AWG 20)                              | Wire gauge               |
| Kabeldurchlass              | -                                                          | Cable outlet             |
| Schutzart                   | IP67                                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                    | Lower temperature        |
| Bemessungsspannung          | 24 V                                                       | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                          | Pollution degree         |
| Überspannungskategorie      | II                                                         | Overvoltage categorie    |
| Isolierstoffgruppe          | II                                                         | Material group           |
| Bemessungsstrom (40 °C)     | 4 A                                                        | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze), CuZn (Messing/brass)                 | Material of contact      |
| Kontaktoberfläche           | Ni (Nickel/nickel), Au (Gold/gold)                         | Contact plating          |
| Material Kontaktkörper      | PC/PA                                                      | Material of contact body |
| Material Gehäuse            | PBT                                                        | Material of housing      |



## Magnetventilsteckverbinder Bauform B Serie 220

### Solenoid valve connectors size B series 220

## DIN

## DIN

#### Bezeichnung

#### Description

#### Abbildung

#### Figure

Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12  
Stecker gerade, PUR 3x0,75mm<sup>2</sup>  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12 male  
connector straight, PUR 3x0,75mm<sup>2</sup>



Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12  
Stecker gerade, PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12  
male connector straight, PUR 3x0,75mm<sup>2</sup>, **wired**, LED

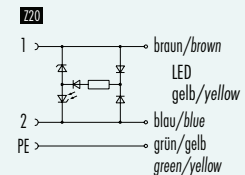
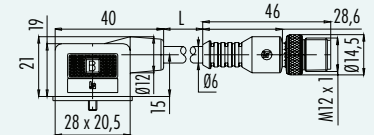
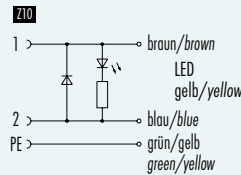
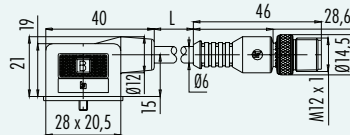
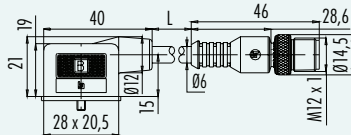


Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12 Steck-  
er gerade, PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED, Freilaufdi-  
ode  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12 male  
connector straight, PUR 3x0,75mm<sup>2</sup>, **wired**, LED, recovery  
diode



#### Maßzeichnung

#### Drawing



#### Bestell-Nr.

#### Ordering-No.

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|-----------------------------|
| 2+PE                | 1                                  | 79-5718-10-03               |
|                     | 2                                  | 79-5718-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z10         | 1                                  | 24 V<br>4 A         | 79-5720-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5720-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z20         | 1                                  | 24 V<br>4 A         | 79-5722-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5722-20-03               |

#### Technische Daten

#### Specifications

| Polzahl                     | 2+PE                                                       | Number of contacts       |
|-----------------------------|------------------------------------------------------------|--------------------------|
| Steckverbinder Verriegelung | Zentalschraube/central screw                               | Connector locking system |
| Anschlussart                | schneidklemm, am Kabel angespritzt/IDT connection, moulded | Termination              |
| Anschlussquerschnitt        | 0,75 mm <sup>2</sup> (AWG 20)                              | Wire gauge               |
| Kabeldurchlass              | -                                                          | Cable outlet             |
| Schutzart                   | IP67                                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                    | Lower temperature        |
| Bemessungsspannung          | 24 V                                                       | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                          | Pollution degree         |
| Überspannungskategorie      | II                                                         | Overvoltage categorie    |
| Isolierstoffgruppe          | II                                                         | Material group           |
| Bemessungsstrom (40 °C)     | 4 A                                                        | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze), CuZn (Messing/brass)                 | Material of contact      |
| Kontaktoberfläche           | Sn (Zinn/tin), Au (Gold/gold)                              | Contact plating          |
| Material Kontaktkörper      | PC/PA                                                      | Material of contact body |
| Material Gehäuse            | PBT                                                        | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 220

### Solenoid valve connectors size B series 220

**DIN**  
**DIN**

Bezeichnung  
Description

Abbildung  
Figure

Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12  
Stecker gewinkelt, PUR 3x0,75mm<sup>2</sup>  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12 male  
connector angled, PUR 3x0,75mm<sup>2</sup>



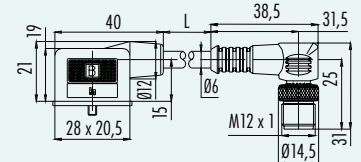
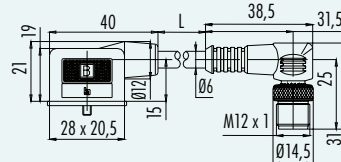
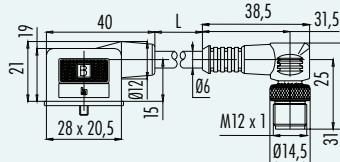
Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12  
Stecker gewinkelt, PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12  
male connector angled, PUR 3x0,75mm<sup>2</sup>, **wired**, LED



Verbindungsleitung,  
Magnetventilsteckdose **DIN EN 175301-803** - M12  
Stecker gewinkelt, PUR 3x0,75mm<sup>2</sup>, **beschaltet**, LED,  
Freilaufdiode  
Connecting cable,  
Female power connector **DIN EN 175301-803** - M12 male  
connector angled, PUR 3x0,75mm<sup>2</sup>, **wired**, LED, recovery  
diode



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|-----------------------------|
| 2+PE                | 1                                  | 79-5719-10-03               |
|                     | 2                                  | 79-5719-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z10         | 1                                  | 24 V<br>4 A         | 79-5721-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5721-20-03               |

| Polzahl<br>Contacts | Kabellänge (m)<br>Cable length (m) | Spannung<br>Voltage | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------------|---------------------|-----------------------------|
| 2+PE<br>Z20         | 1                                  | 24 V<br>4 A         | 79-5723-10-03               |
|                     | 2                                  | 24 V<br>4 A         | 79-5723-20-03               |

Technische Daten  
Specifications

|                             |                                                            |                          |
|-----------------------------|------------------------------------------------------------|--------------------------|
| Polzahl                     | 2+PE                                                       | Number of contacts       |
| Steckverbinder Verriegelung | Zentalschraube/central screw                               | Connector locking system |
| Anschlussart                | schneidklemm, am Kabel angespritzt/IDT connection, moulded | Termination              |
| Anschlussquerschnitt        | 0,75 mm <sup>2</sup> (AWG 20)                              | Wire gauge               |
| Kabeldurchlass              | -                                                          | Cable outlet             |
| Schutzart                   | IP67                                                       | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles                        | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C                                                    | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                                                    | Lower temperature        |
| Bemessungsspannung          | 24 V                                                       | Rated voltage            |
| Bemessungsstoßspannung      | 4000 V                                                     | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                                          | Pollution degree         |
| Überspannungskategorie      | II                                                         | Overvoltage categorie    |
| Isolierstoffgruppe          | II                                                         | Material group           |
| Bemessungsstrom (40°C)      | 4 A                                                        | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                                                    | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronce), CuZn (Messing/brass)                 | Material at contact      |
| Kontaktoberfläche           | Sn (Zinn/tin), Au (Gold/gold)                              | Contact plating          |
| Material Kontaktkörper      | PC/PA                                                      | Material of contact body |
| Material Gehäuse            | PBT                                                        | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 225 · 220

### Solenoid valve connectors size B series 225 · 220

Bezeichnung  
Description

Gerätestecker **Industrie Serie 225**  
Male power connector **industrial standard series 225**

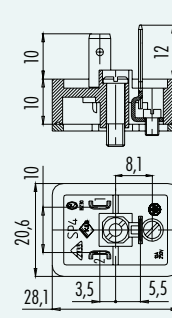
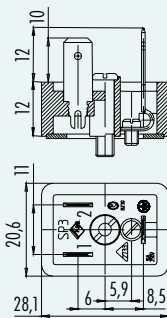
Abbildung  
Figure



Gerätestecker **DIN EN 175301-803 Serie 220**  
Male power connector **DIN EN 175301-803 series 220**



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Bestell-Nummer<br>Ordering-Number                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------|
| 2+PE                | 43-1831-000-03  |

| Polzahl<br>Contacts | Bestell-Nummer<br>Ordering-Number                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------|
| 2+PE                | 43-1801-000-03  |

Technische Daten  
Specifications

| Polzahl                     | 2+PE                                 | Number of contacts       |
|-----------------------------|--------------------------------------|--------------------------|
| Steckverbinder Verriegelung | Zentrierschraube/central screw       | Connector locking system |
| Anschlussart                | löten/solder                         | Termination              |
| Anschlussquerschnitt        | max. 1 mm <sup>2</sup> (max. AWG 18) | Wire gauge               |
| Kabeldurchlass              | —                                    | Cable outlet             |
| Schutzart                   | IP65                                 | Degree of protection     |
| Mechanische Lebensdauer     | > 50 Steckzyklen/> 50 mating cycles  | Mechanical operation     |
| Obere Grenztemperatur       | + 100 °C                             | Upper temperature        |
| Untere Grenztemperatur      | - 20 °C                              | Lower temperature        |
| Bemessungsspannung          | 250 V                                | Rated voltage            |
| Bemessungs-Stoßspannung     | 4000 V                               | Rated impulse voltage    |
| Verschmutzungsgrad          | 3                                    | Pollution degree         |
| Überspannungskategorie      | III                                  | Overvoltage categorie    |
| Isolierstoffgruppe          | III                                  | Material group           |
| Bemessungsstrom (40 °C)     | 10 A                                 | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 15 mΩ                              | Contact resistance       |
| Material Kontakt            | CuZn (Messing/brass)                 | Material at contact      |
| Kontaktoberfläche           | Sn (Zinn/tinn)                       | Contact plating          |
| Material Kontaktkörper      | PA (UL 94 HB)                        | Material of contact body |
| Material Gehäuse            | —                                    | Material of housing      |

## Magnetventilsteckverbinder Bauform B Serie 225 · 220

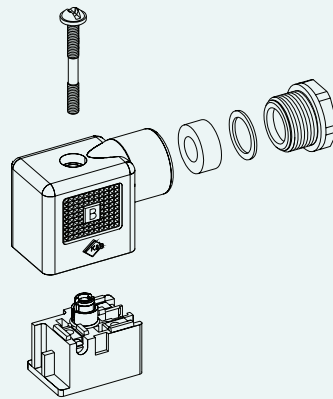
### Solenoid valve connectors size B series 225 · 220

#### Technische Daten Specifications

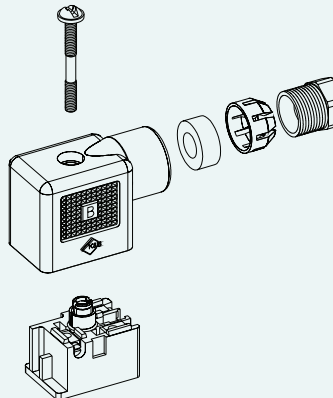
|                                           |                   |                                          |
|-------------------------------------------|-------------------|------------------------------------------|
| Polzahl                                   | 3                 | Contacts                                 |
| Querschnitt mm <sup>2</sup> <sup>1)</sup> | –                 | Wire gauge mm <sup>2</sup> <sup>1)</sup> |
| Material Mantel                           | PUR               | Material jacket                          |
| Isolation Litze                           | PVC               | Insulation wire                          |
| Litzenaufbau (mm)                         | 24 x 0,2 Cu       | Design of wire (mm)                      |
| Kabelmantel (mm)                          | 6 mm              | Cable jacket (mm)                        |
| Leiterwiderstand                          | 26 Ω/Km           | Resistance of wire                       |
| Temperaturbereich (Kabel bewegt)          | - 5 °C / + 70 °C  | Temperature range (cable in move)        |
| Temperaturbereich (Kabel fest)            | - 20 °C / + 70 °C | Temperature range (cable not in move)    |
| Biegeradius (Kabel bewegt)                | min. 60 mm        | Bending radius (cable in move)           |
| Biegeradius (Kabel fest)                  | min. 30 mm        | Bending radius (cable not in move)       |
| Zulassung                                 | –                 | Approval                                 |

#### Einzelteildarstellung Component part drawing

Gerätestteckdose  
Female power connector



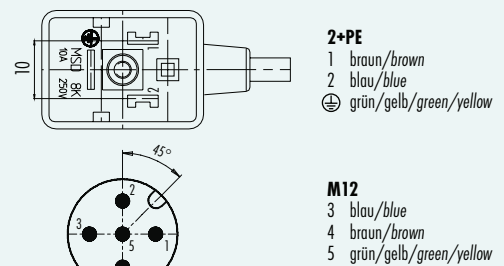
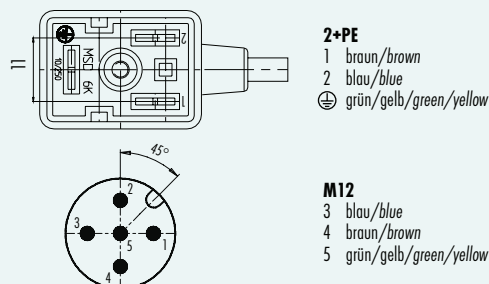
Auf Anfrage: Gerätestteckdose mit Zugentlastung  
Upon request: Female power connector with strain relief



#### Polbilder Contact arrangements

Industrie Serie 225  
Industrial standard series 225

DIN EN 175301-803 Serie 220  
DIN EN 175301-803 Series 220



<sup>1)</sup> Vergleichbare AWG Leiter siehe Seite TI-5. / <sup>1)</sup> Comparable AWG conductors see page TI-5.





**Magnetventilsteckverbinder Bauform B**  
**Solenoid valve connectors size B**

## Notizen