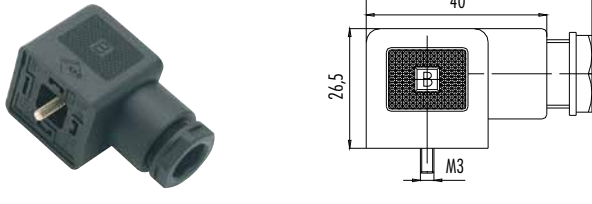
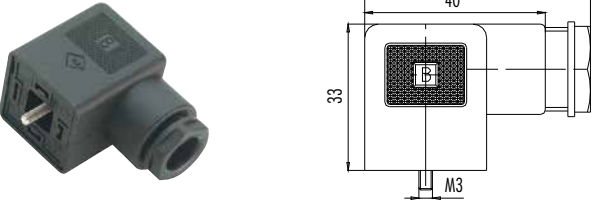


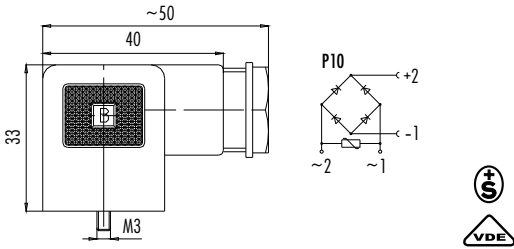


- DIN EN 175301-803
- 2+PE, 3+PE
- Low and high housing
- Degree of protection IP65
- Wired versions
- Moulded versions
- Degree of protection IP67

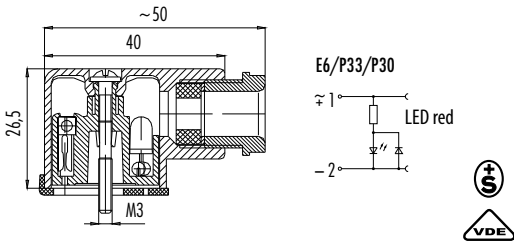
Description	Drawing	Contacts	Thread	Cable outlet	Ordering-No.
Female power connector, low housing		2+PE	PG 9	6–8 mm	43 1700 000 03
			M16	6–10 mm	43 1700 004 03
			PG 11	8–10 mm	43 1700 002 03
		3+PE	PG 9	6–8 mm	43 1702 000 04
			M16	6–10 mm	43 1702 004 04
			PG 11	8–10 mm	43 1702 002 04
Female power connector, high housing		2+PE	PG 9	6–8 mm	43 1704 000 03
			M16	6–10 mm	43 1704 004 03
			PG 11	8–10 mm	43 1704 002 03
		3+PE	PG 9	6–8 mm	43 1706 000 04
			M16	6–10 mm	43 1706 004 04
			PG 11	8–10 mm	43 1706 002 04
Female power connector, high housing, with 6,3 mm fast-on crimp contacts		2+PE	PG 9	6–8 mm	0,5–1,5 mm ² 43 1708 011 00
				1,0–2,5 mm ² 43 1708 012 00	
			PG 11	8–10 mm	0,5–1,5 mm ² 43 1708 013 00
				1,0–2,5 mm ² 43 1708 014 00	
		3+PE	PG 9	6–8 mm	0,5–1,5 mm ² 43 1708 015 00
				1,0–2,5 mm ² 43 1708 016 00	
			PG 11	8–10 mm	0,5–1,5 mm ² 43 1708 017 00
				1,0–2,5 mm ² 43 1708 018 00	

Specifications		
Contacts	2+PE	3+PE
Wire gauge	min. 0,34 mm ² (min. AWG 22), max. 1,5 mm ² (max. AWG 16), screw termination/fast-on sleeve 0,5–1,5 mm ² , 1,0–2,5 mm ²	
Mechanical operation	> 50 Mating cycles	
Temperature range	– 30 °C /+ 110 °C	
Rated voltage	250 V	
Pollution degree	3	
Current (40°C)	10 A	
Contact plating	Ni (Nickel)	
Material of housing	PA	

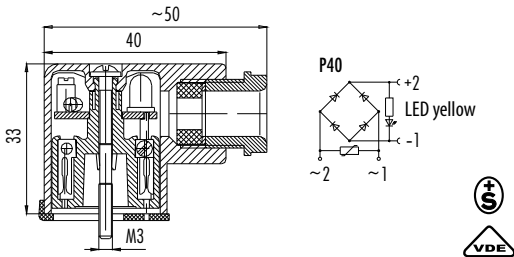
Description	Drawing	Contacts	Cable outlet	Wiring	Current	Ordering-No.
Female power connector, high housing, wired		2+PE	6–8 mm	P10 230 V	2 A	43 1726 110 03
			8–10 mm			43 1726 112 03



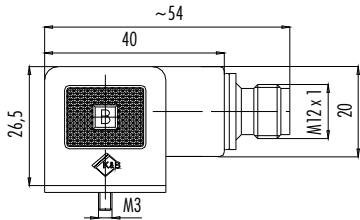
Female power connector, low housing, wired, LED		2+PE	6–8 mm	E6 24 V	10 A	43 1714 135 03
			8–10 mm	P33 110 V		43 1714 133 03
				P30 230 V		43 1714 131 03
				E6 24 V		43 1714 136 03
				P33 110 V		43 1714 134 03
				P30 230 V		43 1714 132 03



Female power connector, high housing, wired, LED		2+PE	6–8 mm	P40 230 V	2 A	43 1730 140 03
			8–10 mm			43 1730 142 03



Adapter, female power connector, low housing, M12		2+PE	–	60 V	4 A	99 5700 00 03
		3+PE	–			99 5702 00 04



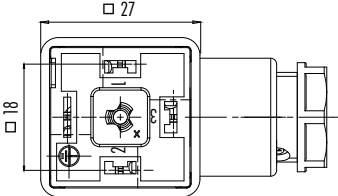
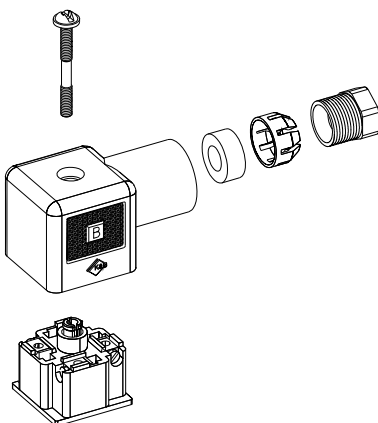
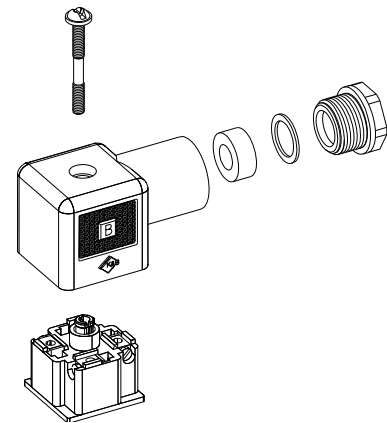
Component part drawing

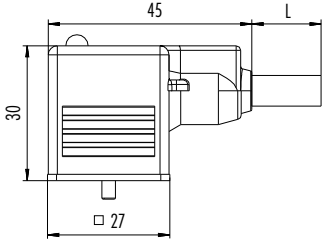
Female power connector (PG 9, M16)

Female power connector with strain relief (PG 9)

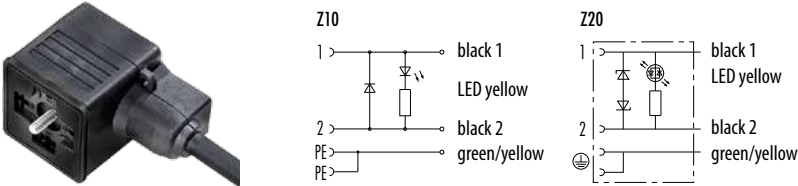
Contact arrangements

2+PE/3+PE contacts

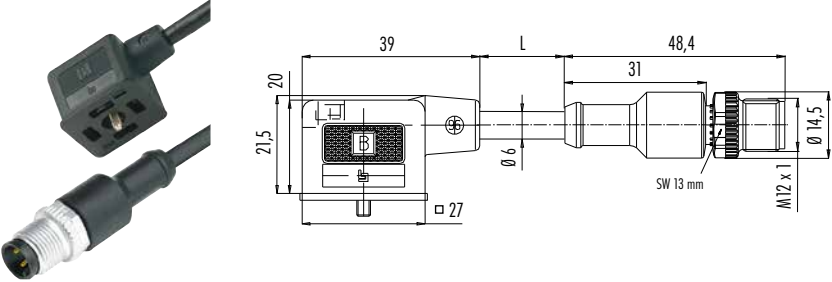


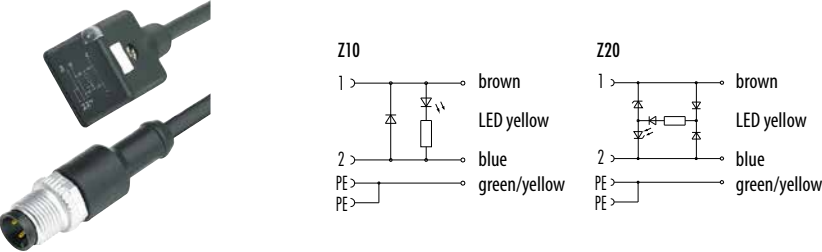
Description	Drawing	Contacts	Voltage	Current	Cable length, PUR	Ordering-No.
Female solenoid valve connector, moulded		2+PE x 0,75	250 V	10 A	3 m	31 5234 300 000
					5 m	31 5234 500 000
		3+PE x 0,75			3 m	31 5235 300 000
					5 m	31 5235 500 000

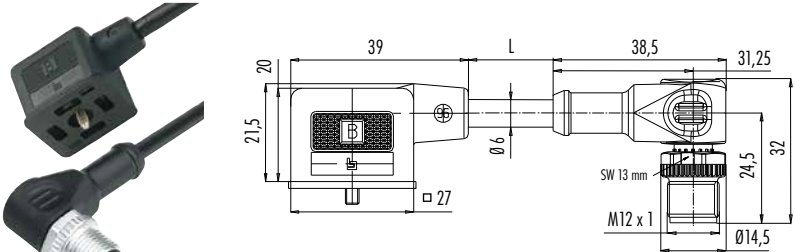
NEW

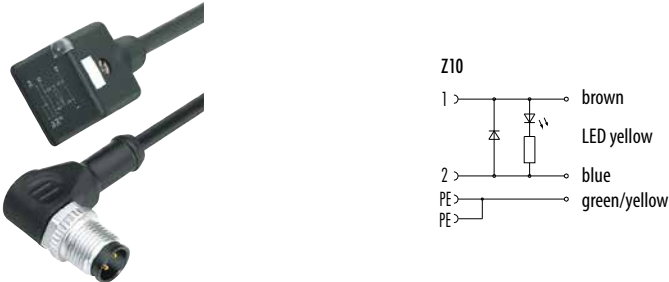
Description	Drawing	Contacts	Wiring	Current	Cable length, PUR	Ordering-No.
Female solenoid valve connector, moulded, wired, LED		2+PE x 0,75	Z10 24 V	10 A	3 m	31 5236 300 510
					5 m	31 5236 500 510
			Z20 24 V		3 m	31 5237 300 520
					5 m	31 5237 500 520

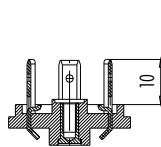
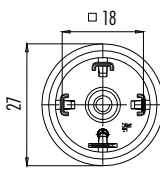
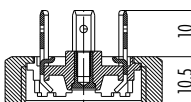
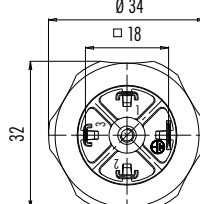
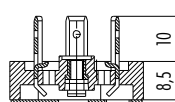
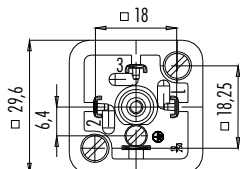
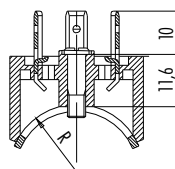
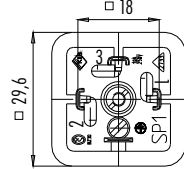
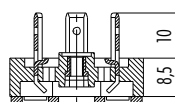
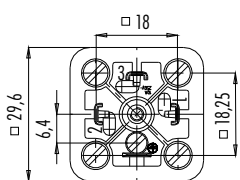
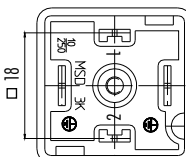
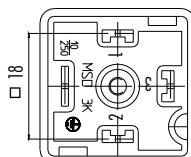
NEW

Description	Drawing	Contacts	Voltage	Current	Cable length, PUR	Ordering-No.
Connecting cable female power connector – male cable connector M12		2+PE x 0,75	60 V	4 A	1 m	79 5700 10 03
					2 m	79 5700 20 03

Description	Drawing	Contacts	Wiring	Current	Cable length, PUR	Ordering-No.
Connecting cable female power connector, wired, LED – male cable connector M12		2+PE x 0,75	Z10 24 V	4 A	1 m	79 5704 10 03
					2 m	79 5704 20 03
			Z20 24 V		1 m	79 5706 10 03
					2 m	79 5706 20 03

Description	Drawing	Contacts	Voltage	Current	Cable length, PUR	Ordering-No.
Connecting cable female power connector – male angled connector M12		2+PE x 0,75	60 V	4 A	1 m	79 5701 10 03
					2 m	79 5701 20 03
		3+PE x 0,75			1 m	79 5703 10 04
					2 m	79 5703 20 04

Description	Drawing	Contacts	Wiring	Current	Cable length, PUR	Ordering-No.
Connecting cable female power connector, wired, LED – male angled connector M12		2+PE x 0,75	Z10 24 V	4 A	1 m	79 5705 10 03
					2 m	79 5705 20 03

Description	Drawing	Contacts	Ordering-No.	
Male circular power connector	   	2+PE 3+PE	43 1701 000 03 43 1703 000 04	
Male circular power connector, coupling ring M27 x 1,5	   	2+PE 3+PE	43 1705 005 03 43 1707 005 04 43 1707 019 04 gold plated contacts	
Male rectangular power connector, 2 mounting holes	   	2+PE 3+PE	43 1709 000 03 43 1711 000 04	
Male rectangular power connector, radius	   	2+PE 3+PE	43 1717 xxx 03 43 1719 xxx 04	Radius Index (xxx)
Male rectangular power connector, 4 mounting holes	   	2+PE 3+PE	79 5701 10 03 79 5701 20 03 79 5703 10 04 79 5703 20 04	
Contact arrangements		Colour of wire, moulded solenoid valve connectors and connecting cables		
2+PE contacts, PE connected protective earth	3+PE contacts	2+PE contacts 1 brown 2 blue ⊕ green/yellow	3+PE contacts 1 brown 2 blue 3 black ⊕ green/yellow	
		M12 3 blue 4 brown 5 green/yellow	M12 1 brown 2 blue 3 black 4 black 5 green/yellow	

Description	Drawing	Material ¹⁾	Colour	Ordering-No.
Flat seal for female power connector		NBR Silicon	beige red	16 8085 000 16 8085 001
Flat seal for male power connector		NBR Silicon	beige red	16 8090 000 16 8090 001
Flat seal for male power connector		NBR Silicon	beige red	16 8089 000 16 8089 001
Flat seal for male power connector (version with radius)		NBR Silicon	beige red	16 8092 000 16 8092 001
Profiled seal for female power connector		NBR	black	16 8088 000
Profiled seal for female power connector		NBR	black	16 8114 000
Coupling ring for male power connector		Ordering-No. 16 8114 000		
Knurled screw		16 8096 131 16 8104 131	(29,1 mm) (35,1 mm)	
		Material ¹⁾	Colour	Temperature range of seals
		NBR	beige	-40 °C /+ 100 °C
		NBR	black	-20 °C /+ 125 °C
		Silicon	red	-60 °C /+ 250 °C



Automatisierungstechnik - Aktorik - Bauform B

Automation Technology - Actuators - Size B

Gerätesteckdosen

Magnetventilsteckdosen

Verbindungsleitungen

- DIN EN 175301-803
- Industrie
- 2+PE
- Niedriges Gehäuse
- Schutzart IP65/IP67 ¹⁾
- Beschaltete Varianten
- Am Kabel angespritzte Ausführungen

Female Power Connectors

Female Solenoid Valve Connectors

Connecting Cables

- DIN EN 175301-803
- Industrial standard
- 2+PE
- Low housing
- Degree of protection IP67 ¹⁾
- Wired versions
- Moulded versions

¹⁾ Erläuterung der Schutzarten siehe technische Informationen. / ¹⁾ Explanation of protection standards see technical information.

Gerätesteckdose Industrie
Female power connector industrial standard

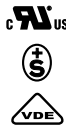
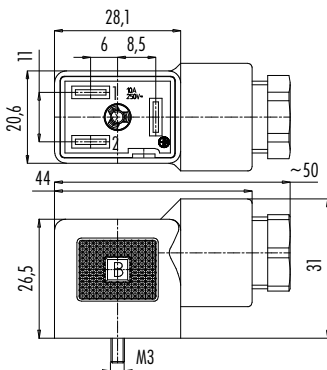
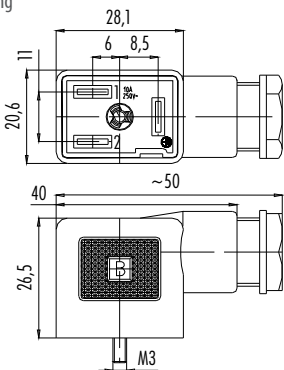
Abbildung / Figure



Gerätesteckdose Industrie, metrisches Gewinde M16
Female power connector industrial standard, metric thread M16



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
2+PE	6–8 mm	43 1830 000 03

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
2+PE	6–10 mm	43 1830 004 03

Technische Daten / Specifications

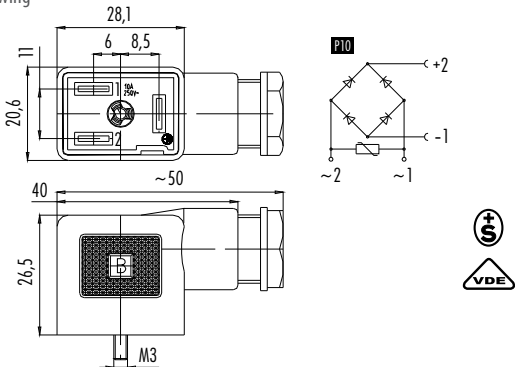
Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	Schrauben/screw (40 cNm)	Termination
Anschlussquerschnitt	min. 0,34 mm² (min. AWG 22), max. 1,5 mm² (max. AWG 16)	Wire gauge
Kabeldurchlass	6–8 mm, 6–10 mm	Cable outlet
Schutzart	IP65	Degree of protection
Mechanische Lebensdauer	> 50 Steckzyklen/> 50 mating cycles	Mechanical operation
Obere Grenztemperatur	+ 120 °C mit Dichtung/with seal 16 8105 000	Upper temperature
Untere Grenztemperatur	– 20 °C mit Dichtung/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	Material of contact body
Material Gehäuse	PA	Material of housing

Gerätesteckdose Industrie, beschaltet
Female power connector industrial standard, wired

Abbildung / Figure



Maßzeichnung / Drawing



Bestell-Daten / Order Data

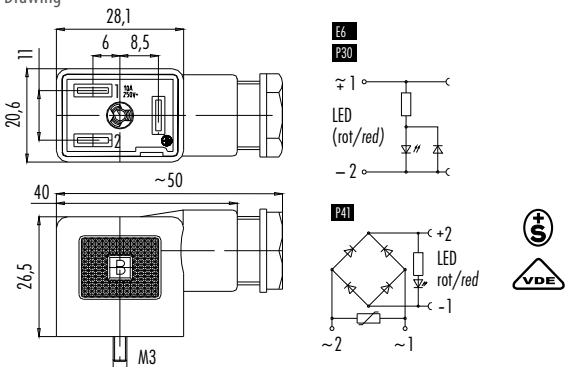
Polzahl Contacts	Kabeldurchlass Cable outlet	Schaltung Wiring	Strom Rated current	Bestell-Nr. Ordering-No.
2+PE	6–8 mm	P10 230 V	2 A	43 1832 110 03

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

Abbildung / Figure



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabeldurchlass Cable outlet	Schaltung Wiring	Strom Rated current	Bestell-Nr. Ordering-No.
2+PE	6–8 mm	E6 24 V	10 A	43 1834 135 03
		P30 220 V	10 A	43 1834 130 03
		P41 24 V	2 A	43 1834 141 03

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schrauben/screw (40 cNm)	Termination
Anschlussquerschnitt	min. 0,34 mm² (min. AWG 22), max. 1,5 mm² (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, 220 V, 230 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 of contact
Kontaktoberfläche	Ni (Nickel/nickel)	Contact plating
Material Kontaktkörper	PA	Material of contact body
Material Gehäuse	PA	Material of housing

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

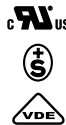
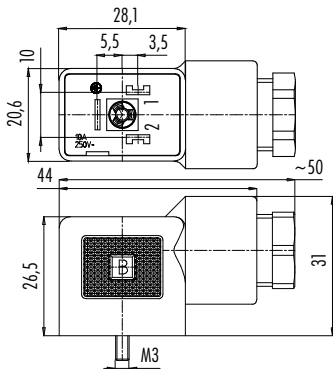
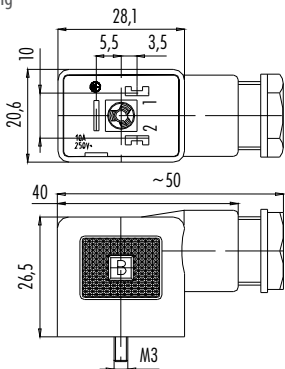
Abbildung / Figure



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



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
2+PE	6–8 mm	43 1800 000 03

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
2+PE	6–10 mm	43 1800 004 03

Technische Daten / Specifications

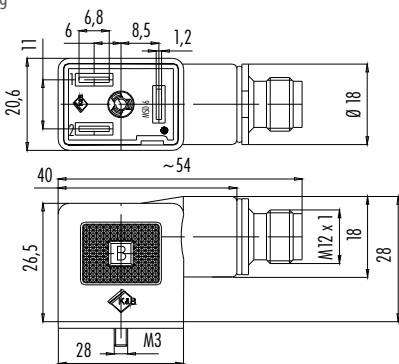
Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	Schrauben/screw (40 cNm)	Termination
Anschlussquerschnitt	min. 0,34 mm ² (min. AWG 22), max. 1,5 mm ² (max. AWG 16)	Wire gauge
Kabeldurchlass	6–8 mm, 6–10 mm	Cable outlet
Schutzart	IP65	Degree of protection
Mechanische Lebensdauer	> 50 Steckzyklen/> 50 mating cycles	Mechanical operation
Obere Grenztemperatur	+ 120 °C mit Dichtung/with seal 16 8100 000	Upper temperature
Untere Grenztemperatur	– 20 °C mit Dichtung/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	Material of contact body
Material Gehäuse	PA	Material of housing

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

Abbildung / Figure



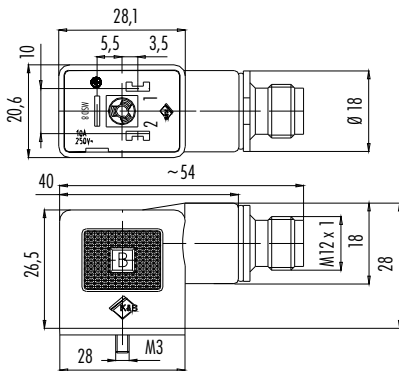
Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Bestell-Nr. Ordering-No.
2+PE	99 5712 00 03

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



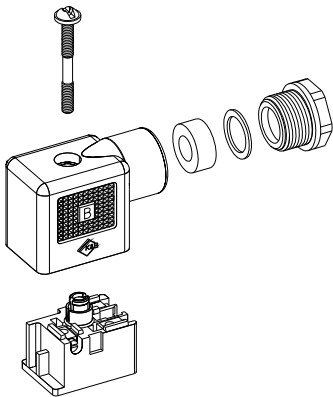
Polzahl Contacts	Bestell-Nr. Ordering-No.
2+PE	99 5718 00 03

Technische Daten / Specifications

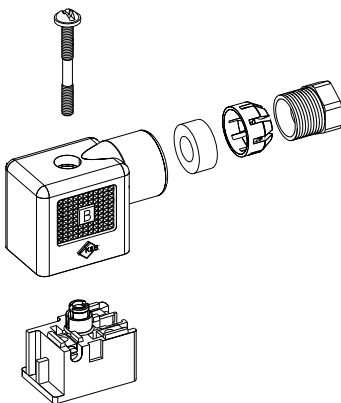
Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	Schrauben/screw (40 cNm)	Termination
Anschlussquerschnitt	min. 0,34 mm² (min. AWG 22)	Wire gauge
Kabeldurchlass	—	Cable outlet
Schutzart	IP65	Degree of protection
Mechanische Lebensdauer	> 50 Steckzyklen/> 50 mating cycles	Mechanical operation
Obere Grenztemperatur	+ 85 °C	Upper temperature
Untere Grenztemperatur	– 30 °C	Lower temperature
Bemessungsspannung	250 V	Rated voltage
Bemessungs-Stoßspannung	800 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	PA	Material of contact body
Material Gehäuse	PA	Material of housing

Einzelteildarstellung
 Component part drawing

Gerätesteckdose
 Female power connector



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

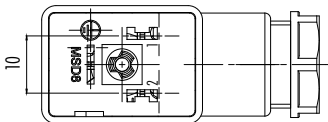
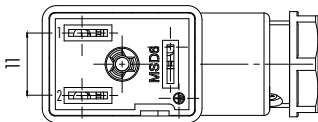


Polbilder
 Contact arrangements

Industrie Serie 225
 Industrial standard 225 series

DIN EN 175301-803 Serie 220
 DIN EN 175301-803 220 series

2+PE pol
 2+PE contacts





Magnetventilsteckdose Industrie, umspritzt
Female solenoid valve connector industrial standard, moulded

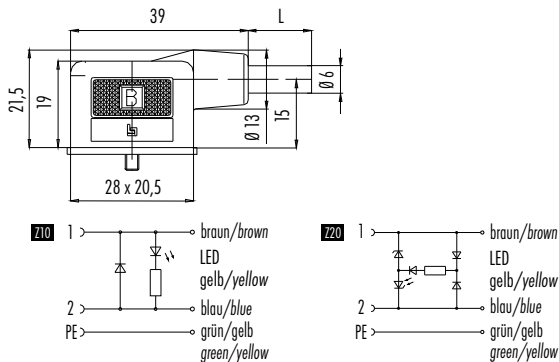
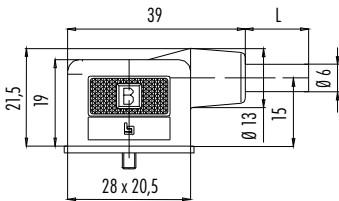
Abbildung / Figure



Magnetventilsteckdose Industrie, umspritzt, beschaltet, LED
Female solenoid valve connector industrial standard, moulded, wired, LED



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	10 A	3 m	30 1313 300 000
				5 m	30 1313 500 000

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	10 A	3 m	30 1313 300 510
				5 m	30 1313 500 510
		Z20 24 V	10 A	3 m	30 1313 300 520
				5 m	30 1313 500 520

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, am Kabel angespritzt/IDT connection, moulded	Termination
Anschlussquerschnitt	0,75 mm ² (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 of contact
Kontaktoberfläche	Sn (Zinn/tin)	Contact plating
Material Kontaktkörper	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Magnetventilsteckdose DIN EN 175301-803, umspritzt
 Female solenoid valve connector DIN EN 175301-803, moulded

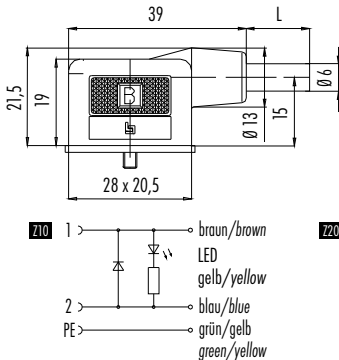
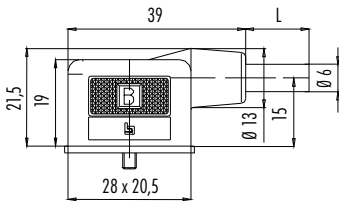
Abbildung / Figure



Magnetventilsteckdose DIN EN 175301-803, umspritzt, beschaltet, LED
 Female solenoid valve connector DIN EN 175301-803, moulded, wired, LED



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	10 A	3 m	32 1313 300 000
				5 m	32 1313 500 000

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	10 A	3 m	32 1313 300 510
				5 m	32 1313 500 510
		Z20 24 V	10 A	3 m	32 1313 300 520
				5 m	32 1313 500 520

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, am Kabel angespritzt/IDT connection, moulded	Termination
Anschlussquerschnitt	0,75 mm² (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 of contact
Kontaktoberfläche	Sn (Zinn/tin)	Contact plating
Material Kontaktkörper	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Verbindungsleitung Magnetventilsteckdose Industrie – Kabelstecker M12
Connecting cable female power connector industrial standard – male cable connector M12

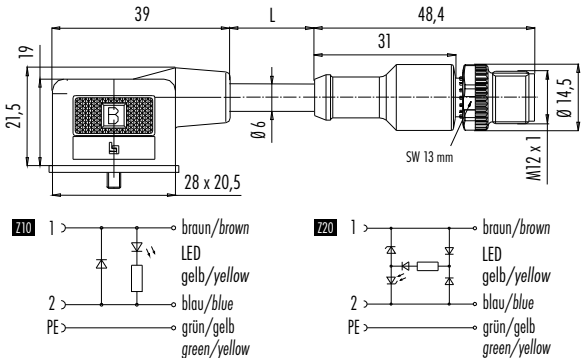
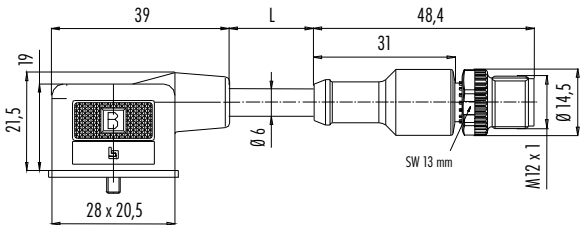
Abbildung / Figure



Verbindungsleitung Magnetventilsteckdose Industrie, beschaltet, LED – Kabelstecker M12
Connecting cable female power connector industrial standard, wired, LED – male cable connector M12



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	4 A	1 m	79 5712 10 03
				2 m	79 5712 20 03

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	4 A	1 m	79 5714 10 03
				2 m	79 5714 20 03
		Z20 24 V	4 A	1 m	79 5716 10 03
				2 m	79 5716 20 03

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, crimpen, am Kabel angespritzt/IDT connection, crimp, moulded	Termination
Anschlussquerschnitt	0,75 mm ² (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	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	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Verbindungsleitung Magnetventilsteckdose Industrie – Winkelstecker M12
Connecting cable female power connector industrial standard – male angled connector M12

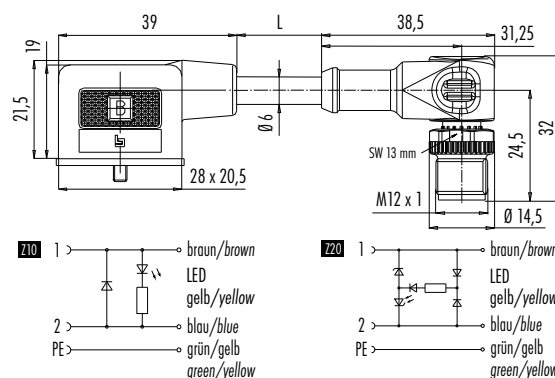
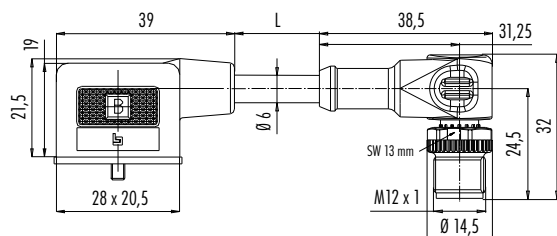
Abbildung / Figure



Verbindungsleitung Magnetventilsteckdose Industrie, beschaltet, LED – Winkelstecker M12
Connecting cable female power connector industrial standard, wired, LED – male angled connector M12



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	4 A	1 m	79 5713 10 03
				2 m	79 5713 20 03

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	4 A	1 m	79 5715 10 03
				2 m	79 5715 20 03
		Z20 24 V	4 A	1 m	79 5717 10 03
				2 m	79 5717 20 03

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, crimpen, am Kabel angespritzt/IDT connection, crimp, moulded	Termination
Anschlussquerschnitt	0,75 mm ² (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	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	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Verbindungsleitung Magnetventilsteckdose DIN EN 175301-803 – Kabelstecker M12
Connecting cable female power connector DIN EN 175301-803 – male cable connector M12

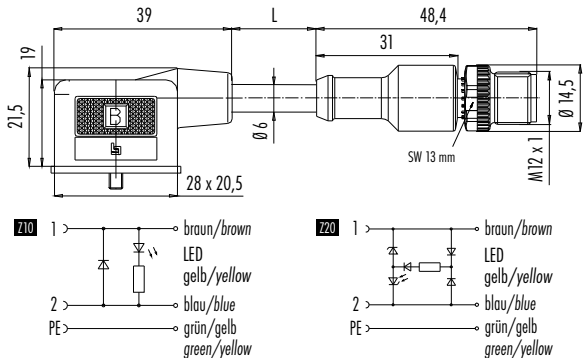
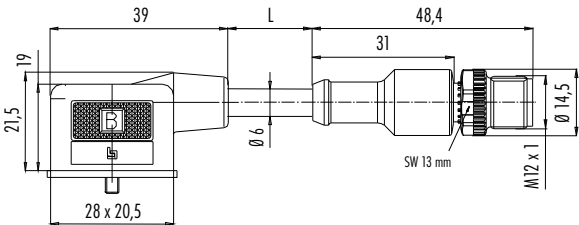
Abbildung / Figure



Verbindungsleitung Magnetventilsteckdose DIN EN 175301-803, beschaltet, LED – Kabelstecker M12
Connecting cable female power connector DIN EN 175301-803, wired, LED – male cable connector M12



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	4 A	1 m	79 5718 10 03
				2 m	79 5718 20 03

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	4 A	1 m	79 5720 10 03
				2 m	79 5720 20 03
		Z20 24 V	4 A	1 m	79 5722 10 03
				2 m	79 5722 20 03

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, crimpen, am Kabel angespritzt/IDT connection, crimp, moulded	Termination
Anschlussquerschnitt	0,75 mm ² (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	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	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Verbindungsleitung Magnetventilsteckdose DIN EN 175301-803 – Winkelstecker M12
Connecting cable female power connector DIN EN 175301-803 – male angled connector M12

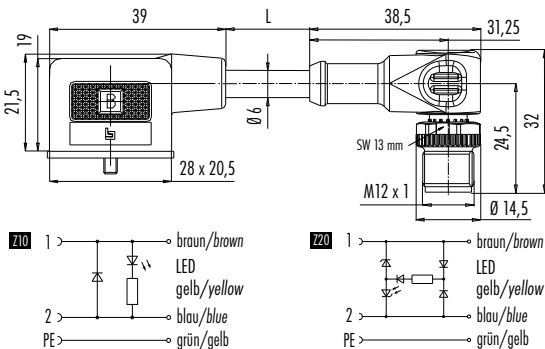
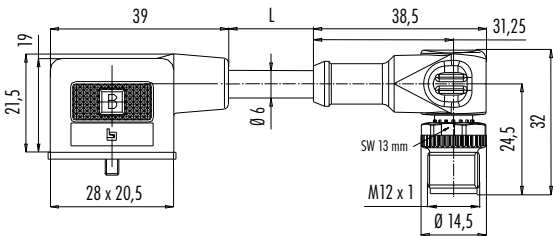
Abbildung / Figure



Verbindungsleitung Magnetventilsteckdose DIN EN 175301-803, beschaltet, LED – Winkelstecker M12
Connecting cable female power connector DIN EN 175301-803, wired, LED – male angled connector M12



Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Kabelmantel Cable jacket	Spannung Voltage	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	250 V	4 A	1 m	79 5719 10 03
				2 m	79 5719 20 03

Polzahl Contacts	Kabelmantel Cable jacket	Schaltung Wiring	Strom Current	Kabellänge Cable length	Bestell-Nr. Ordering-No.
2+PE	PUR	Z10 24 V	4 A	1 m	79 5721 10 03
				2 m	79 5721 20 03
		Z20 24 V	4 A	1 m	79 5723 10 03
				2 m	79 5723 20 03

Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	schneidklemm, crimpen, am Kabel angespritzt/IDT connection, crimp, moulded	Termination
Anschlussquerschnitt	0,75 mm² (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	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	PA	Material of contact body
Material Gehäuse	PC	Material of housing

Technische Daten
Specifications

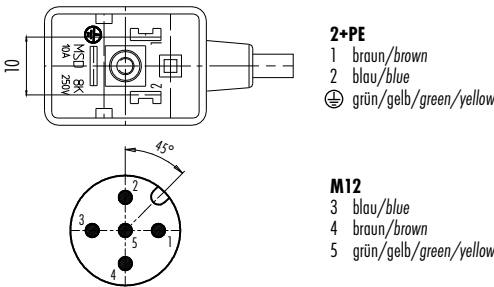
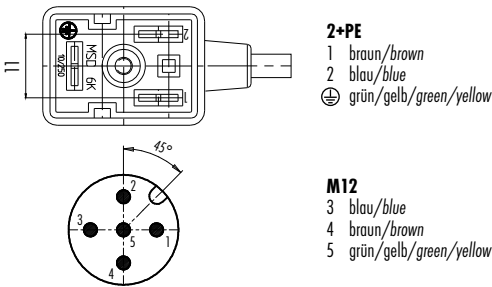
Polzahl	3	Number of contacts
Querschnitt mm² ¹⁾	—	Wire gauge mm² ¹⁾
Material Mantel	PUR	Material jacket
Isolation Litze	PVC	Insulation wire
Litzenaufbau (mm)	24 x 0,2 Cu (Kupfer/copper)	Design of wire (mm)
Kabelmantel (mm)	6	Cable jacket (mm)
Leiterwiderstand	26 Ω/Km (20 °C)	Resistance of wire
Temperaturbereich (Kabel bewegt)	− 5 °C /+ 70 °C	Temperature range (cable in move)
Temperaturbereich (Kabel fest)	− 25 °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

Polbilder
Contact arrangements

Industrie Serie 225
Industrial standard 225 series

DIN EN 175301-803 Serie 220
DIN EN 175301-803 220 series

2+PE pol
2+PE contacts

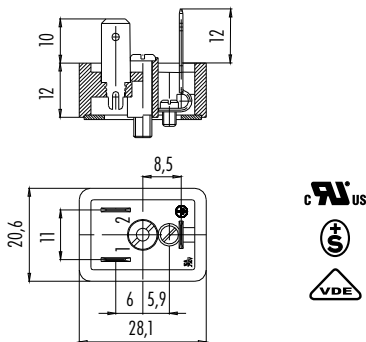


Gerätestecker Industrie, M12, Serie 225
Male power connector industrial standard, M12, 225 series

Abbildung / Figure



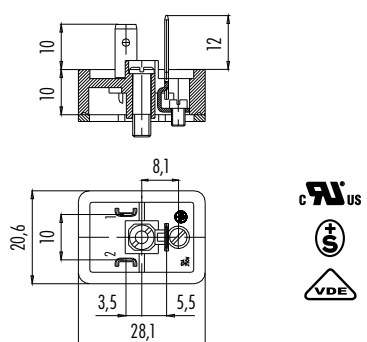
Maßzeichnung / Drawing



Bestell-Daten / Order Data

Polzahl Contacts	Bestell-Nr. Ordering-No.
2+PE	43 1831 000 03

Gerätestecker DIN EN 175301-803, M12, Serie 220
Male power connector DIN EN 175301-803, M12, 220 series



Polzahl Contacts	Bestell-Nr. Ordering-No.
2+PE	43 1801 000 03

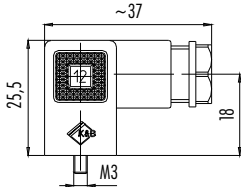
Technische Daten / Specifications

Polzahl	2+PE	Number of contacts
Steckverbinder Verriegelung	Zentralschraube/central screw (40 cNm)	Connector locking system
Anschlussart	löten/solder	Termination
Anschlussquerschnitt	max. 1,0 mm² (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 of contact
Kontaktoberfläche	Sn (Zinn/tin)	Contact plating
Material Kontaktkörper	PA	Material of contact body
Material Gehäuse	—	Material of housing



- DIN EN 175301-803
- Industrial standard
- 2+PE, 3+PE
- Degree of protection IP65
- Wired versions
- Moulded versions
- Degree of protection IP67

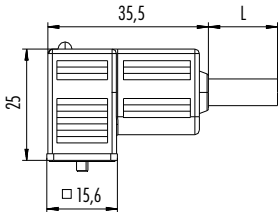
Description	Drawing	Contacts	Cable outlet	Ordering-No.
Female power connector		2+PE	4–6 mm	43 1930 000 03
		3+PE		43 1932 000 04



Female power connector, metric thread M12		2+PE	4–6 mm	43 1930 004 03
		3+PE		43 1932 004 04

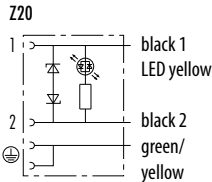


Description	Contacts	Voltage	Current	Cable length, PUR	Ordering-No.
				3 m	33 5934 300 000
Female solenoid valve connector, moulded	2+2PE x 0,5	250 V	6 A	5 m	33 5934 500 000



NEW

Description	Contacts	Wiring	Current	Cable length, PUR	Ordering-No.
				3 m	33 5937 300 520
Female solenoid valve connector, moulded, wired, LED	2+2PE x 0,5	Z20 24 V	4 A	5 m	33 5937 500 520

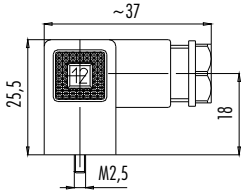


NEW

Specifications			
Contacts	2+PE	3+PE	2+2PE
Wire gauge	min. 0,14 mm ² (min. AWG 26), max. 0,75 mm ² (max. AWG 20)		0,5 mm ² (AWG 20)
Mechanical operation	> 50 Mating cycles		
Temperature range	– 20 °C /+ 120 °C		– 20 °C /+ 80 °C
Rated voltage	250 V		230 V, 24 V AC/DC
Pollution degree	3		
Current (40°C)	6 A		4 A
Contact plating	Ni (Nickel)		UL 94-V0, PA
Material of housing	PA		UL 94-HB, TPU



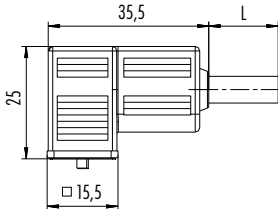
Description	Drawing	Contacts	Cable outlet	Ordering-No.
Female power connector		2+PE	6–8 mm	43 1900 000 03
		3+PE		43 1902 000 04



Female power connector, metric thread M12		2+PE	8–10 mm	43 1900 004 03
		3+PE		43 1902 004 04

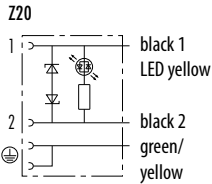


Female solenoid valve connector, moulded		2+2PE x 0,5	250 V	6 A	Cable length, PUR	Ordering-No.
					3 m	34 5734 300 000
					5 m	34 5734 500 000



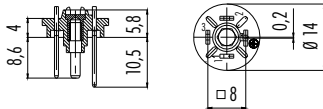
NEW

Female solenoid valve connector, moulded, wired, LED		2+2PE x 0,5	Z20 24 V	4 A	Cable length, PUR	Ordering-No.
					3 m	34 5737 300 520
					5 m	34 5737 500 520

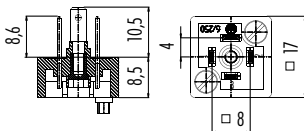


NEW

Male power connector		2+PE	43 1901 000 03
		3+PE	43 1903 000 04



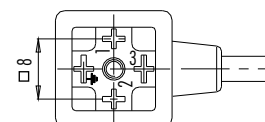
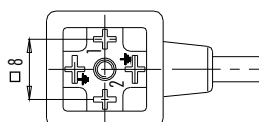
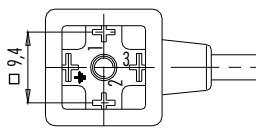
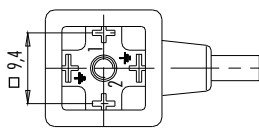
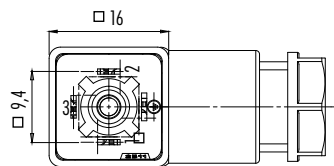
Male power connector		2+PE	43 1905 000 03
		3+PE	43 1907 000 04



2+PE/3+PE contacts

2+PE

3+PE



- 1 black 1
- 2 black 2
- 3 black 3
- green/yellow

Technical drawing of a square frame. The drawing includes a 3D perspective view on the left and a 2D top view on the right. The 2D view shows a square with a rounded corner radius of R1.5. The outer dimensions are 16.6 by 16.6. The inner dimensions are 13 by 13. The thickness of the frame is 1.5. The drawing also shows a cross-section of the frame with a width of 4 and a height of 1.5. The 3D view shows the frame from a perspective angle.

Material ¹⁾	Colour	Temperature range of seals
NBR	beige	-40 °C /+ 100 °C
Silicon	red	-60 °C /+ 250 °C
NBR	black	-20 °C /+ 125 °C
HNBR	black	-40 °C /+ 125 °C