

## M8 female 0° with cable

PVC 3x0.25 gy UL/CSA 25m

Female straight

M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

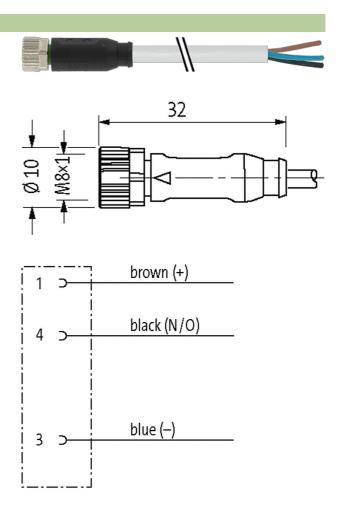
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

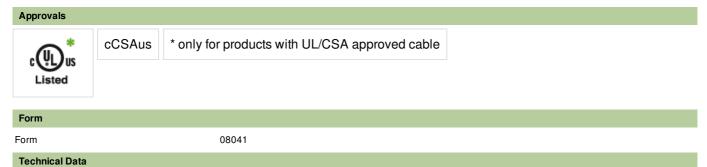
Further cable lengths on request.

## **Link to Product**

## Illustration



Product may differ from Image



The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21



Operating outnamy on voltage         Ins. 30 Y ACDC           Plands surps voltage         1 5 MV           Operating outnern per contact         max. 4 A           No. of poles         3           Multifail group         IEC 60004-1, category I           LED display         no           Locking of ports         Screw thread (MS-1 mm) recommended torque 0.4 Nm. self-securing           Compression gland         M8 (SWN)           Protection         PES, PBSK, IPB7 (Inertical and tightened (EN 80529)           Locking marketi         Zinc disc castling, mate nickel plated           Majorial         PUR           Standards         DN EN 61076-2-104 (MS)           Mounting method         Inserted. dightened           Mounting method         Inserted. dightened           Material (contact surface)         Au           Material (gasked)         FKM           Pollution Degree         3           Shipping length glackel)         20 mm           Cable identification         210           Cable identification         210     <	Operating voltage	max. 50 V AC/60 V DC
Operating oursent per contact         max. 4 A           No. of poles         3           Marterial group         IEC 6064-1, category I           LibD risolay         no           Locking of ports         Screw thread (M8x 1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW9)           Protection         IPSE, IPSEX, IPS7 Insented and tightened (EN 80829)           Locking material         2 nc die cesting, material del 4           Material         PUR           suitable for corrugated tube (internal Q1)         6.5 mm           Ceneral dats         DIN EN 81076 2-104 (M8)           Mounting method         inserted, Spitomed           Material (contact)         Copper alloy           Material (glasket)         FXM           Pollution Degroe         3           Stitoping length (jacket)         20 mm           Temperature range         2585 °C, depending on cable quality           Cables         20 mm           Cable (dentilication         210           Cable (dentilication)         210           Cable (dentilication)         210           Cable (dentilication)         20 mm           Cable (dentilication)         20 mm           Cable (dentilication)	Operating voltage (only UL listed)	max. 30 V AC/DC
No. of poles         3           Material group         IEC 60684-1, category I           LED display         no           Locking of ports         Screw thread (M8x s mm) recommended torque 0.4 Nm, self-securing           Composation gland         M8 (SW9)           Protection         IP65, IP66K, IP67 insorted and lightened (EN 80529)           Locking material         Znc dio casting, matter inckel plated           Material         PUR           suitable for corrupated tube (internal O)         6.5 mm           Central data           Standards           Maurilla         DIN EN 610762-104 (M8)           Maurilla         Copper alloy           Material (comited studies)         Au           Material (comited studies)         Au           Material (comited studies)         Au           Material (specker)         PKU           Pollution Degree         3           Shipping length (ligicker)         20 mm           Temperature range         -25x8 °C, depending on cable quality           Cable is donification         210           Cable is donification         210           Cable is donification         210           Cable is donification         210 <td>Rated surge voltage</td> <td>1.5 kV</td>	Rated surge voltage	1.5 kV
Melental group         IEC 600841, category 1           LED display         no           LED display         no           Loshing of ports         Screw thread (M8-1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW8)           Protection         IPSS, IPSGK, IPST inserted and lightened (EN 80528)           Locking makerial         2 Inc disc casting, matter inckel pitated           Material         PUR           suitable for corrugated tribe (internal O)         6.5 mm           General date         Commended           Centeral date         Commended           Standards         DIN EN 81078-2-104 (M8)           Mounting method         inserted, lightened           Mounting method         inserted, lightened           Material (contact surface)         Au           Material (gasker)         FKM           Pollution Degree         3           Stepping length (jacket)         20 mm           Tomperature range         210           Cable (durillication         210           Cable (durillication)         210           Cable (in weight (jim)         29.37           Material (wine)         Curve, bare           Cable (weight (jim)         29.37	Operating current per contact	max. 4 A
LED display         no           Locking of portes         Screw thread (Msx 1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW9)           Protection         LP65, IP66K, IP67 inserted and fightened (EN 60529)           Locking material         Zm clic casting, matter nickel plated           Material         PUR           Suntable for corrugated tube (internal 0)         6.5 mm           General dista         Standards           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, Sphtened           Material (contact under)         Appropriation of the contact under (contact)           Material (contact under)         Appropriation of the contact under (contact	No. of poles	3
Locking of ports         Screw thread (M8-1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW9)           Protection         IP65, IP6K, IP67 Inserted and tightened (EN 60529)           Locking material         Zinc die casting, matte nickel plated           Material         PUR           suitable for corrugated tube (internal 0)         6.5 mm           General dista           DIN EN 61076-2-104 (M8)           Mounting method         inserted, Sphtmed           Material (contact)         Copper alloy           Material (contact)         Copper alloy           Material (contact)         Copper alloy           Material (gaskel)         FKM           Pollution Degree         3           Stripping length (jackel)         20 mm           Temperature range           Cable indefection           Cable (indefection)           Cable (indefection) <td>Material group</td> <td>IEC 60664-1, category I</td>	Material group	IEC 60664-1, category I
Compression gland         M8 (SW9)           Protection         PB5, IPBSK, IPB7 inserted and tightened (EN 80529)           Locking material         Zinc dic easing, mater nickel plated           Material         PUR           suitable for corrugated tube (internal Q)         6.5 mm           General data         Smandards           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Coppor alloy           Material (contact)         Coppor alloy           Material (gasked)         FKM           Pollution Degree         3           Stipping length (facket)         20 mm           Temperature range         2585 °C, depending on cable quality           Cable         Cable (Asserting Cable)           Cable (Asserting Cable)         1 (PVC)           Approval (cable)         U. (AWMA-Syle 2464/1731), CSA           Cable weight (pim)         29.37           Material (wrie)         Outre, bare           Resistor (core)         max. 79 (Akm (20 °C))           Single wire (Fore)         3 · 0.25 mm²           Duarreter (core)         3 · 0.25 mm²           Material (wire isolation)         PC           Afford <t< td=""><td>LED display</td><td>no</td></t<>	LED display	no
Protection         IP65. IP66K. IP67 inserted and tightened (EN 60529)           Locking material         Zinc die casting, matte nickel plated           Material         PUR           suitable for corrugated tube (internal Ø)         6.5 mm           Senaral data           Standards         DNE N 61076-2-104 (Me)           Mounting mothod         inserted, Sphened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (postact)         EMM           Pollution Degree         3           Stripping length (gasket)         20 mm           Temperature range         25 – 85 °C, depending on cable quality           Cable (dentification         210           Cable identification         210           Cable (approval (gable)         U. (AWM, Style 2464/1731), CSA           Cable (weight [gm]         29.37           Material (wire)         Cu wire, bare           Cable (weight [gm]         29.37           Material (wire)         Cu wire, bare           Cassistor (core)         0.15 mm           Construction (core)         14.0.15 mm (multi-strand wire class 5)           Diameter (core)         3.0.25 mm²           Materi	Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Locking material         Zinc die cassing, matte nickel plated           Material         PUR           suitable for corrugated tube (internal o)         6.5 mm           Ceneral data         DN EN 61076-2-104 (M8)           Mounting method         inserted, fightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Dogree         3           Stipping length (facket)         20 mm           Temperature range         -2585 °C, depending on cable quality           Cable         Vision           Cable indefication         210           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (vire)         Cu wire, bare           Resistor (core)         max. 79 (km, (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         3 × 0.25 mm           AWG <t< td=""><td>Compression gland</td><td>M8 (SW9)</td></t<>	Compression gland	M8 (SW9)
Material         PUR           General data           Standards         DIN EN 61076-2104 (MB)           Mounting method         inserted, 8ightened           Material (contact contact (contact contact)         Copper alloy           Material (contact contact contact)         Au           Material (contact contact co	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø)         6.5 mm           General data           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, fightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25 -+85 °C, depending on cable quality           Cable           Cable identification         210           Cable identification         210           Cable dentification         210           Cable weight [girth]         29,37           Cable weight [girth]         29,37           Resistor (core)         max 79 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14+ 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 v. 25 mm²           AWG         similar to AWG 24           Material (wire isolation)         45 ± 5 D           Wire-Q incl. isolation)         45 ± 5 D           Wire-Q incl. is	Locking material	Zinc die casting, matte nickel plated
General data         DIN EN 61076-2-104 (M8)           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copperating           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Dogree         3           Stipping length (jacket)         20 mm           Temperature range         25485 °C, depending on cable quality           Cables           Cable identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable Weight (g/m)         29.37           Material (wire)         Cu wire, bare           Resistor (core)         0.15 mm           Gostruction (core)         0.15 mm           Construction (core)         1.4 v. 0.15 mm (wulf-strand wire class 5)           Diameter (core)         3 v. 025 mm²           AWG         similar to AWG 24           Material (wrie isolation)         PC           Material properly (wire isolation)         CFC, cadmium., silicone- and lead-free           Shore hardness (wire isolation)         A5 ±5 D           Wire-O incl. isolation         pVC	Material	PUR
Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25-+85°C, depending on cable quality           Cables         V           Cable Identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [gm]         29,37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 QWn (20°C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 v. 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 v. 0.25 mm²           AWG         similar to AWG 24           Material (price isolation)         Q°C           Material property (wire isolation)         CFC, cadmium., silicone- and lead-free           Shore Admess (wire isolation)         2.5 mm ±5%           Colorinumbering of wires         pr. bb, bl           Stranding combination	suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact)         Au           Material (contact surface)         Au           Material (contact surface)         FKM           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25485 °C, depending on cable quality           Cable         Cable identification           Cable identification         210           Cable identification         210           Cable identification         210           Cable weight [gm]         29.37           Material (wire)         Cu (AWM-Style 2464/1731), CSA           Cable weight [gm]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           Diameter (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CPC-, cadmium-, silicone- and lead-free           Shore Auro	General data	
Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Shripping length (jacket)         20 mm           Temperature range         -2585 °C, depending on cable quality           Cables           Cable dentification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight (gml)         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/m (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PCC           Material (wire isolation)         CFC, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         2.5 f D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires wisted           Shried         no           Material (pocket)         FCC, cadmium-, silic	Standards	DIN EN 61076-2-104 (M8)
Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25485 °C, depending on cable quality           Cables           Cable identification         210           Cable identification         21 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.97           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Qkm (20 °C)           Single wire Ø (core)         0.15 mm           Oistruction (core)         0.15 mm (multi-istrand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material (wire isolation)         CFC, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1,25 mm ±5%           Color/inumbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (poket)         PVC	Mounting method	inserted, tightened
Material (gasket)         FKM           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25485 °C, depending on cable quality           Cables         Cable identification           Cable identification         210           Cable identification         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 x 0.25 mm²           AWG         similar to AWG 24           Material (vire isolation)         PVC           Material wire isolation)         2FC, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/mumbering of wires         br, bk, bl           Stranding combination         3 wires wisted           Material (jacket)         PVC           Material (jacket)         PVC           Material property (jack	Material (contact)	Copper alloy
Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cable Identification           Cable Identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire 0 (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material (wire isolation)         CFC., cadmium., silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Colorimumbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC., cadmium., silicone- and lead-free           Shore har	Material (contact surface)	Au
Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br. bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shield         no           Material property (jacket)	Material (gasket)	FKM
Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max.79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material (wire isolation)         PVC           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Culter-Ø (jacket)         4.5 mm ±5%           Color (jacket)         good resistance to oil, gasoline and chemicals           thermal resistance         good	Pollution Degree	3
Cables           Cable identification         210           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material (wire isolation)         CFC - cadmium-, silicone- and lead-free           Shore hardness (wire Isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Culter-Ø (jacket)         4.5 mm ±5%           Color (jacket)         good resistance to oil, gasoline and chemicals           thermal resistance	Stripping length (jacket)	20 mm
Cable (Type)         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight (g/m)         29,37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14× 0.15 mm (multi-strand wire class 5)           Diameter (core)         3× 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (glacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 15	Temperature range	-25+85 °C, depending on cable quality
Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 0km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14× 0.15 mm (multi-strand wire class 5)           Diameter (core)         3× 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals         thermal resistance	Cables	
Approval (cable) UL (AWM-Style 2464/1731), CSA  Cable weight [g/m] 29,37  Material (wire) Cu wire, bare  Resistor (core) max. 79 Ω/km (20 °C)  Single wire Ø (core) 0.15 mm  Construction (core) 14× 0.15 mm (multi-strand wire class 5)  Diameter (core) 3× 0.25 mm²  AWG similar to AWG 24  Material (wire isolation) PVC  Material roperty (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 1.25 mm ±5%  Color/numbering of wires by wires twisted no Material (jacket) PVC  Material (jacket) PVC  Material (jacket) 4.5 mm ±5%  Color (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance flame retardant UL 1581 VW1 / CSA FT1	Cable identification	210
Cable weight [g/m]         29,37           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1	Cable Type	1 (PVC)
Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14× 0.15 mm (multi-strand wire class 5)           Diameter (core)         3× 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material (property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VWI / CSA FT1	Cable weight [g/m]	29,37
Single wire Ø (core)         0.15 mm           Construction (core)         14x 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VWI / CSA FT1	Material (wire)	Cu wire, bare
Construction (core)         14 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 x 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VWI / CSA FT1	Resistor (core)	max. 79 Ω/km (20 °C)
Diameter (core) 3× 0.25 mm²  AWG similar to AWG 24  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 45 ±5 D  Wire-Ø incl. isolation 1.25 mm ±5%  Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A  Outer-Ø (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance flame retardant UL 1581 VW1 / CSA FT1	Single wire Ø (core)	0.15 mm
AWGsimilar to AWG 24Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1	Construction (core)	14× 0.15 mm (multi-strand wire class 5)
Material (wire isolation)         PVC           Material property (wire isolation)         45 ±5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         4.5 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1	Diameter (core)	3× 0.25 mm²
Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A  Outer-Ø (jacket)  4.5 mm ±5%  Color (jacket)  gray  chemical resistance  flame retardant UL 1581 VW1 / CSA FT1	AWG	similar to AWG 24
Shore hardness (wire isolation)  45 ±5 D  Wire-Ø incl. isolation  1.25 mm ±5%  Color/numbering of wires  br, bk, bl  Stranding combination  3 wires twisted  Shield  no  Material (jacket)  PVC  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A  Outer-Ø (jacket)  4.5 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals  thermal resistance  flame retardant UL 1581 VW1 / CSA FT1	Material (wire isolation)	PVC
Wire-Ø incl. isolation 1.25 mm ±5%  Color/numbering of wires br, bk, bl  Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A  Outer-Ø (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals  thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)4.5 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1	Shore hardness (wire isolation)	45 ±5 D
Stranding combination 3 wires twisted  Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A  Outer-Ø (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals  thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no  Material (jacket) PVC  Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ± 5 A  Outer-Ø (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Color/numbering of wires	br, bk, bl
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color (jacket)graychemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1	Stranding combination	3 wires twisted
Material property (jacket)  Shore hardness (jacket)  Start 4.5 mm ±5%  Color (jacket)  gray  chemical resistance  flame retardant UL 1581 VW1 / CSA FT1	Shield	no
Shore hardness (jacket) 85 ±5 A  Outer-Ø (jacket) 4.5 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals  thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Material (jacket)	PVC
Outer-Ø (jacket)  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals thermal resistance  flame retardant UL 1581 VW1 / CSA FT1	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Shore hardness (jacket)	85 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Outer-Ø (jacket)	4.5 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1	Color (jacket)	gray
	chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage UL 300 V AC	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
	Nominal voltage	UL 300 V AC

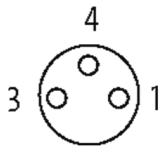
The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21



Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No./diameter of wires	3× 0.25 mm²
Wire isolation	PVC (br, bl, bk)
Jacket Color	gray
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.5 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879231374
eClass	27279218
Packaging unit	1
Sketch	

Female



Product may differ from Image