

## M8 male 0° A-cod. with cable

PVC 3x0.25 bk UL/CSA 30m

Male 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.

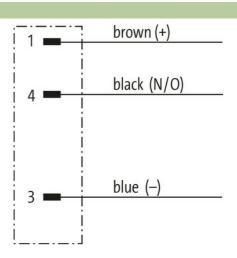
The resistance to aggressive media should be individually tested for your application. Further details on request.

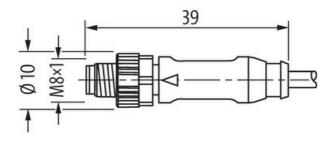
Further cable lengths on request.

## **Link to Product**

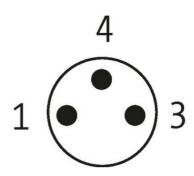
## Illustration











Product may differ from Image









\* only for products with UL/CSA approved cable

Form

Form 08001

**Technical Data** 



stay connected

Speciating voltage (only UL listed)   30 V AC/DC	Operating voltage	max. 50 V AC/60 V DC
Rated surge voltage	<u> </u>	
Operating current per contact         max. 4 A           No. of poles         3           Material group         IEC 60664-1, category I           LED display         no           Locking of ports         Screw thread (MBs-1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW9)           Protection         IP65, IP65K, IP67 mearted and lightened (EN 60529)           Material         PUR           Locking material         Zinc die casting, matte nickel plated           suitable for corrupated tube (internal Ø)         6.5 mm           Ceneral data           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, Sightened           Material (contact)         Copper alloy           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stipping length (sickit)         20 mm           Temperature range         -25-455°C, depending on cable quality           Cables           No. disaneter of wires         3 × 0.25 mm²           No. disaneter of wires         3 × 0.25 mm²           No. disaneter of wires         3 × 0.25 mm²           Cable in		
No. of poles		
Material group   IEC 60664-1, category		
LED display         no           Locking of ports         Screw thread (M8-1 mm) recommended torque 0.4 Nm, self-securing           Compression gland         M8 (SW9)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 80529)           Material         PUR           Locking material         Zinc die casting, mate nickel plated           suitable for corrugated tube (internal Ø)         6.5 mm           General date         Standards         DIN EN 61078-2-104 (M8)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature rang         -2585°C, depending on cable quality           Cables         Vire solation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%         Cable (antification of 10           Cable (antification of 10         610         Cable (antification of 10           Cable (wife) (bright)         29.37 g         Material (wife)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)         Single wire Ø (core)         0.15 mm (multi-stra		IEC 60664-1, category I
Locking of ports Screw thread (M8-1 mm) recommended torque 0.4 Nm, self-securing Compression gland M8 (SW9) Protection IP69, P69K, IP67 inserted and lightened (EN 60529) Material PUR Locking material PUR Since die casting, mater nickel plated suitable for corrugated tube (internal 0) 6.5 mm  General data  DIN EN 61076-2-104 (M8) Mounting method inserted, lightened Material (contact) Copper alloy Material (contact) Copper alloy Material (contact surface) Au Pollution Degree 3 Stripping longth (jacket) 20 mm Temperature range -25+85 °C, depending on cable quality  Cables  Wire isolation PVC (br, bl, bk) Outer 0 4.5 mm ±5% Cable (trippe 1 (PVC) Approval (cable) UL (AWM-Stylo 2464/1731), CSA Cable Weight (g/m) 29.37 q Material (wire) Core) 14 × 0.15 mm (multi-strand wire class 5) Diameter (core) 14 × 0.15 mm (multi-strand wire class 5) Diameter (core) 14 × 0.15 mm (multi-strand wire class 5) Diameter (core) 15 mm Average (wire isolation) PVC Average (wire isolation) PVC Average (core) 1.5 mm Average (core) 1.5 mm Construction (core) 14 × 0.15 mm (multi-strand wire class 5) Diameter (core) 3 × 0.25 mm Average (wire isolation) PVC Material (wire isolation) Since we wisted Sheid no Material (jacket) PVC Material (jacket) PVC Material (jacket) PVC Sheid As isolation and lead-free Shore hardness (jacket) PVC Shore hardness (jacket) PVC		
Compression gland         M8 (SW9)           Protoction         IP65, IP66K, IP67 inserted and tightened (EN 60529)           Material         PUR           Locking material         Zinc die casting, matter nickel plated           suitable for corrugated tube (internal Ø)         6.5 mm           General data           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact)         Au           Pollution Degree         3           Stripping length (sockel)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.25 mm²           Wire isolation         PVC (br. lb. bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable identification         610           Cable weight [g/m]         29.37 g           Material (wire)         Cu wire, bare           Resistor (core)         14. × 0.15 mm (multi-strand wire class 5)           Single wire Ø (core)         0.15 mm           Construction (core)         14. × 0.15 mm (multi-strand wire cl		
Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)           Material         PUR           Locking matterial         Zinc die casting, matte nickel plated           suitable for corrugated tube (internal Ø)         3.5 mm           General data           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (facket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 × 0.25 mm²           Wire isolation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable trype         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37°g           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		
Material         PUR           Locking material         Zino die casting, matte nickel plated           suitable for corrugated tube (internal Ø)         6.5 mm           General data         Standards           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Tamperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3x 0.25 mm²           No./diameter of wires         3x 0.25 mm²           Vife isolation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%           Cable disontification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         1.4 × 0.15 mm (multi-strand wire class 5)		
suitable for corrugated tube (internal Ø)         6.5 mm           General data         DIN EN 61076-2-104 (M8)           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables         No./diameter of wires           No. Journal of wires         3 × 0.25 mm²           Wire isolation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable identification         610           Cable identification         610           Cable weight [pm]         29.37 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Q/km (20 °C)           Single wire Ø core)         0.15 mm           Onstruction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           Material (price isolation)         PVC           Material property (wire isolation)		
suitable for corrugated tube (internal Ø)         6.5 mm           General data         DIN EN 61076-2-104 (M8)           Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables         No./diameter of wires           No. Journal of wires         3 × 0.25 mm²           Wire isolation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable identification         610           Cable identification         610           Cable weight [pm]         29.37 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Q/km (20 °C)           Single wire Ø core)         0.15 mm           Onstruction (core)         14 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         3 × 0.25 mm²           Material (price isolation)         PVC           Material property (wire isolation)	Locking material	Zinc die casting, matte nickel plated
General data         Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, lightened           Material (contact)         Copper alloy           Matorial (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           Wire isolation           PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable identification         610           Cable velight (g/m)         29.37 g           Matorial (wire)         Cu wire, bare           Resistor (core)         max. 79 Dk/m (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         14x 0.15 mm (multi-strand wire class 5)           Diameter (core)         3x 0.25 mm²           AWG         similar to AWG 24           Material (vire isolation)         PVC           Material property (wire isolation)         CFC, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         3 wires twisted           Shield         no           M	<u> </u>	<u>-</u>
Standards         DIN EN 61076-2-104 (M8)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable interestion         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 79 Qk/m (20 °C)           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 property (wire isolation)         PVC           Material property (wire isolation)         25 ± 5           Di Color/numbering of wires         br. bk, bl           Stranding combination         3 wires twisted <tr< td=""><td></td><td></td></tr<>		
Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Pollution Degree         3           Stripping length (facket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           No./diameter of wires         3 x 0.25 mm²           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable dentification         610           Cable weight [g/m]         29.37 g           Material (wire)         Uu (xWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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 (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         2 x 0.5 m		DINI FNI 61076 2 104 (Mg)
Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables         Vires isolation           No./diameter of wires         3 × 0.25 mm²           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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)         45 ± 5 D           Vire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no		. ,
Material (contact surface)         Au           Pollution Degree         3           Stripping length (jacket)         20 mm           remperature range         -25+85 °C, depending on cable quality           Cables         Vire isolation           Wire isolation         PVC (br. bl. bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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-istrand wire class 5)           Diameter (core)         3 x 0.25 mm²           AWG         similar to AWG 24           Material (wire isolation)         PVC           Material (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 (pocety) (jacket)         CFC-, cadmium-, silicone- and lead-f		
Pollution Degree   3		
Stripping length (jacket)         20 mm           Temperature range         -25+85 °C, depending on cable quality           Cables           Wire isolation         PVC (br, bl, bk)           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37 g           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 (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 property (jacket)         CFC-,	· · · · · · · · · · · · · · · · · · ·	
Cables         No./diameter of wires         3 × 0.25 mm²           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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)         3 wires twisted           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A		
Cables           No./diameter of wires         3× 0.25 mm²           Wire Isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37 g           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)         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         CFC-, cadmium-, silicone- and lead-free		
No./diameter of wires         3 × 0.25 mm²           Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37 g           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)         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)         65 ±5 A		-25+65 °C, depending on cable quality
Wire isolation         PVC (br, bl, bk)           Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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	Cables	
Outer Ø         4.5 mm ±5%           Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29.37 g           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	No./diameter of wires	3× 0.25 mm <sup>2</sup>
Cable identification         610           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         29,37 g           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)         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	Wire isolation	PVC (br, bl, bk)
Cable Type       1 (PVC)         Approval (cable)       UL (AWM-Style 2464/1731), CSA         Cable weight [g/m]       29,37 g         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	4.5 mm ±5%
Approval (cable)       UL (AWM-Style 2464/1731), CSA         Cable weight [g/m]       29,37 g         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	Cable identification	610
Cable weight [g/m]         29,37 g           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)         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	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)       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		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	Cable weight [g/m]	29,37 g
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 (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	Material (wire)	
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	, ,	max. 79 $\Omega$ /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	Single wire Ø (core)	0.15 mm
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	Construction (core)	14× 0.15 mm (multi-strand wire class 5)
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	Diameter (core)	3× 0.25 mm <sup>2</sup>
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	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	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		CFC-, cadmium-, silicone- and lead-free
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	,	
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	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	Color/numbering of wires	br, bk, bl
Material (jacket)  Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A	Stranding combination	3 wires twisted
Material property (jacket)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket)  85 ±5 A	Shield	no
Material property (jacket) CFC-, cadmium-, silicone- and lead-free  Shore hardness (jacket) 85 ±5 A	Material (jacket)	PVC
	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Outer_Ø (jacket) 4.5 mm +5%	Shore hardness (jacket)	85 ±5 A
Outer & guarrety =	Outer-Ø (jacket)	4.5 mm ±5%
Color (jacket) black	Color (jacket)	black
Jacket Color black	Jacket Color	black
chemical resistance good resistance to oil, gasoline and chemicals	chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance flame retardant UL 1581 VW1 / CSA FT1	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage UL 300 V AC	Nominal voltage	UL 300 V AC
Test voltage 2000 V AC	Test voltage	2000 V AC
Current load capacity to DIN VDE 0298-4	Current load capacity	to DIN VDE 0298-4

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: 03/22



Temperature range (fixed)	-30+80 °C
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PVC (UL/CSA)
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879233637
eClass	27279218
Packaging unit	1.000