

## M12 MALE 90°

PVC 5X0.34 black UL/CSA 10m

Male 90°

M12, 5-pole

Art-No. 7005 - M12 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.

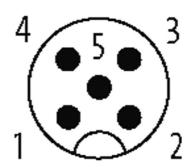
Further cable lengths on request.

### **Link to Product**

#### Illustration



# Male



Product may differ from Image

### **Approvals**

Form



\* only for products with UL/CSA approved cable

cCSAus

EAC

Form	12121
Technical Data	
Operating voltage	max. 125 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV

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

Operating current per contact

Material group

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

IEC 60664-1, category I



stay connected

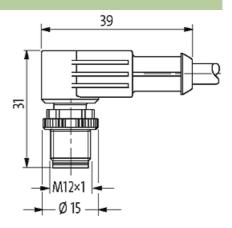
Compression gland         M12 (SW15)           Protection         P85, P86K, IP97 inserted and lightmood (EN 80529)           Locking material         Zinc disc segling, matter rickel plated           Material         PUR           suitable for corrugated tube (infernal 8)         10 mm           Concert data           Sandard           DIN EN 61076-2-101 (M12)           Shandard         DIN EN 61076-2-101 (M12)           Pollution Degree         3           Temporature range         45 - 455 °C, depending on cable quality           Cable identification           6 819         Cabbit (inferior contract)           Approval (astelle)           Cable (inferior contract)         1 (PVC)           Approval (astelle)         U. (AWM-Style 2464-1731), CSA           Cable (inferior contract)         48.40           Material (inferior contract)         0.15 mm           Marce (contract)         max. 60 0 0 mm (20 °C)           Single wine (incert)         19 - 0.15 mm (institution class 5)           Diameter (contract)         19 - 0.15 mm (institution class 5)           Diameter (contract)         5- 0.43 mm²           ANG         similar to AWC 22           Material (incert) (institution)         <	Coding	A-coded
Protection         IPBS, IPB6K, IPB67 inserted and tightened (EN 80529)           Locking nabraful         Zinc die casting, matte nickel plated           Americal         PUR           suitable for corrugated tube (internal ©)         10 mm           General dats         DIN EN 81076-2-101 (M12)           Follution Diognoe         3           Temperature range         -2585°C, depending on cable quality           Cabber         Cabber           Cabber James (Labert Comment of Purple)         1 (PVC)           Cabbe Type         1 (PVC)           Cabbe (weight (gml)         45,40           Author (wire)         Cu wire, bare           Resistor (core)         1 max. 68 (BM not 20°C)           Single wire Ø (core)         0.15 mm           Construction (core)         19- 0.15 mm (multi-strand wire class 5)           Diameter (core)         5- 0.34 mm²           AUG         Immater A WG 22           Material (property (wire isolation)         CPC C, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         4 5,5 D           Wee of Incl. Landson         CPC C, cadmium-, silicone- and lead-free           Shore hardness (gickel)         6 br. bl. bl. wh. pr           Stranding combination         6 br. bl. bl. wh. pr      <	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Lecking material         Zinc die casting, matte nickel plated           Material         PUR           subtable for corrugated tube (ninemal Ø)         10 mm           Ceneral data           Shondards         DIN EN 81076-2-101 (M12)           Pollusion Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification           619         Cable Type           Cable Weight [ging]         48.0           Material (wire)         Cu Wire, bare           Resistor (core)         max. 80 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 × 0.34 mm²           Material (wire isolation)         PVC           Material (wire isolation)         PVC           Material (wire isolation)         45 ± 5           Nine & Olinchinsberry (gickel)         PVC           Material (gickely)         PVC           Material (gickely)         PVC           Material (gickely)         PVC           Material (gickely)         S ± A           Outer Ø (gooker)         1,25 mm ±5%	Compression gland	M12 (SW13)
Motional Suitable for corrugated tube (inturnal O)         PUR           Coneral data           Standards         DIN EN 61076 2-101 (M12)           Standards         DIN EN 61076 2-101 (M12)           Pollution Degree         3           Temperatur range         -2585° °C. depending on cable quality           Cabbe         Cabbe           Cabbe Type         1 (PVC)           Approval (cabb)         UL (AWM Style 2464/1731), CSA           Cabies weight (gm)         48, 40           Material (wite)         Cu wire, bare           Besidor (core)         max. 60 DAm (20°C)           Single wins 0 (core)         0.15 mm (multi-stand wire class 5)           Construction (core)         19-0.15 mm (multi-stand wire class 5)           Construction (core)         5-0.34 mm²           AWG         similar o AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         45-15 D           Wire On Lisolation         125 mm 5%           Colorieurusberring of wires         br. bx. bt. wir. gr           Shared         no           Material property (gasket)         5-2 m ±5%           Colorieurusberring of wires         br. bx. bt. wir. gr           Shared         poor	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Evental date         Ceneral date           Standards         DIN EN 61076-2-101 (M12)           Pollution Dogroe         3           Temperature range         25 - 495 °C, depending on cable quality           Cables         Cables           Cable identification         619           Cable (application)         U. (AWM, Style 24641731), CSA           Cable weight (pim)         48,40           Approval (cable)         U. (AWM, Style 24641731), CSA           Cable weight (pim)         48,40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 (Rikm (2° °C))           Single wire of (core)         0.15 mm (multi strand wire class 5)           Diameter (core)         5 × 0.24 mm²           Material (wire isolation)         PVC           Material property (wire isolation)         PVC           Ware Olinci, isolation         1.25 mm ±5%           Color/material (property (garket)         PVC           Waterial property (wire isolation)         4.5 ± D           Wire Olinci, isolation         1.25 mm ±5%           Color/material (gacket)         9 × Cex wisted around central filler           Shore hardness (gacket)         9 × Ex m ±5%           Color (gacket)         9 × Ex m ±5%	Locking material	Zinc die casting, matte nickel plated
General data         DIN EN 61076-2-101 (M12)           Pollusion Dagree         3           Carbies         1           Cable identification         619           Cable identification         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable vigen         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable wight [g/m]         48.40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Dkm (20 °C)           Single wire 0 (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-stand wire class 5)           Diameter (core)         5 × 0.34 mm²           AWG         smillar to AWG 22           Material (wire isolation)         PVC           Material (wire isolation)         PVC           Wire-O'Incl. isolation         1.25 mm ±5%           Coloritumbering of wire so (wire isolation)         PVC           Wire-O'Incl. isolation         1.25 mm ±5%           Coloritumbering of wires         br. bk. bl. wh. gr           Share a flowed         PVC           Material property (jacket)         PCPC, cadmium-, silicone- and lead-free           Shore hardness (jacket)	Material	PUR
Standards         DN EN 61076-2-101 (M12)           Pollution Degree         3           Temperature range         25485 °C, depending on cable quality           Cables         Cables           Cable identification         619           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [jm]         48.40           Material (wire)         Cu wire, bare           Besalor (core)         max 60 Qbm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 x 0.34 mm²           AVIG         similar to AWG 22           Material (wire isolation)         PVC           Miscral (wire isolation)         PVC           Wire Ø Incl. isolation         1.25 mm ±5%           Coloriumbering of wires         br. by, by, by           Sitranding combination         5 vires twisted around central filler           Shield         no           Material (property (sacket)         CFC, cadmium-, silicone- and lead-free           Shore hardness (sacket)         85 ±5 A           Outer Ø (gacket)         52 mm ±5%           Color (jacket)         <	suitable for corrugated tube (internal Ø)	10 mm
Pollution Degree         3           Temperature range         -25 -+85 °C, depending on cable quality           Cables         Cable identification           Cable (able identification)         619           Cable (able identification)         1 (PVC)           Approval (cable)         UL (AWM Style 2464/1731), CSA           Cable weight [gin]         48.40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 0 Nm (20°C)           Construction (core)         0.15 mm           Construction (core)         19 - 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 - 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         45 ±5 D           Vire-Q rincl. isolation         1.25 mm ±5%           Color/mumbering of wires         br. bk, bl, wh, gr           Strandria (property (jackel)         CPC- cadmium-, silicone- and lead-free           Shore hardness (jackel)         S ± 5 A           Color-Q (jackel)         CPC-, cadmium-, silicone- and lead-free           Shore hardness (jackel)         S ± 2 mm ±5%           Color-Q (jackel)         S ± 2 mm ±5%           Color-Q (jackel)	General data	
Temperature range         -25+85 °C, depending on cable quality           Cable         Cable identification         619           Cable identification         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         48.40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 • 0.15 mm (multi-strand wire class 5)           Diameters (core)         5 • 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PVC           Micro Plant isolation         45 ± 5 D           Wire Ø Incl. isolation         1 ± 25 mm ±5%           Colorchumbering of wires         5 • 0.84, wh., gr           Stranding combination         5 wires twisted around central filler           Shiold         no           Material (glocker)         PVC           Material (glocker)         PVC           Material (glocker)         5 ± 3           Outer Ø (jackel)         5 ± 2 mm ±5%           Color (jackel)         5 ± 2 mm ±5%           Color (jackel)         5 ± 2 mm ±5%           Color (jackel)	Standards	DIN EN 61076-2-101 (M12)
Cable         Cable identification         619           Cable Type         1 (PVC)           Approval (cable)         UL (AVML-Style 2464/1731), CSA           Gable weight [gim]         48.40           Material (wire)         Cu wire, barre           Fesistor (core)         max. 60 Mxm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 • 0.15 mm (multi-atrand wire class 5)           Diameter (core)         5 • 0.34 mm³           AWG         smillar to AWG 22           Material (wire Isolation)         PVC           Material property (wire isolation)         CPC- cadmium , silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Colorinumbering of wires         br. bk, bl. wh. gr           Shradring combination         5 wires twisted around central filler           Shredd         no           Material property (lackel)         CPC- cadmium , silicone- and lead-free           Shore hardness (fackel)         85 ±5 A           Color (jacket)         5 ± 2m ±5%           Color (jacket)         5 ± 2m ±5%           Color (jacket)         5 ± 2m ±5%           Color (jacket)         5 ± 2m	Pollution Degree	3
Cable identification         619           Cable Type         1 (PVC)           Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight (g/m)         48, 40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 × 0.34 mm²           AWG         similar to AWG 22           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/mumbering of wires         br, bk, bk, wh, gr           Shrading combination         5 wires twisted around central filler           Shield         no           Material (jocket)         PVC           Material (jocket)         6 € FC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jocket)         5 ½ mm ± 5%           Color (jocket)         black           Color (jocket)         black	Temperature range	-25+85 °C, depending on cable quality
Cable Type         1 (PVC)           Approval (cable)         UL (WWM-Style 2484/1731), CSA           Cable weight [girn]         48,40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Qkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         5x 0.34 mm²           AWG         similar to AWG 22           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%           Colorinumbering of wires         br, bk, bl, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         8 ± ± A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         5.2 mm ±5%           Color (jacket)         10 lack           chemical resistance         good resistance to oil, gasol	Cables	
Cable Type         1 (PVC)           Approval (cable)         UL (WWM-Style 2484/1731), CSA           Cable weight [girn]         48,40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Qkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         5x 0.34 mm²           AWG         similar to AWG 22           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%           Colorinumbering of wires         br, bk, bl, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         8 ± ± A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         5.2 mm ±5%           Color (jacket)         10 lack           chemical resistance         good resistance to oil, gasol	Cable identification	619
Approval (cable)         UL (AWM-Style 2464/1731), CSA           Cable weight [g/m]         48,40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 × 0.34 mm²           AWG         similar to AWG 22           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/mubering of wires         br, br, br, wh, gr           Stranding combination         5 wires twisted around central filler           Shold         no           Material property (jacket)         CFC-, cadmium., silicone- and lead-free           Shore hardness (saket)         55 ± 5           Outer-Ø (jacket)         5 2 mm ±5%           Color (jacket)         5 ± 5 A           Outer-Ø (jacket)         5 ± 0.00 mm ±5%           Color (jacket)         5 ± 0.00 mm ±5%           Color (jacket)         5 ± 0.00 mm ±5%           Color (jacket)         5 ± 0.00		
Cable weight [gm]         48.40           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         19 < 0.15 mm (multi-strand wire class 5)		
Material (wire)         Cu wire, bare           Resistor (core)         max. 80 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm (multi-strand wire class 5)           Construction (core)         19× 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 x 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PVC           Miterial (solation)         45 ± 5 D           Wire-Ø ind. Isolation         1.25 mm ±5%           Coloriumbering of wires         br. bk, bk, my           Shranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         5.2 mm ±5%           Outer-Ø (jacket)         5.2 mm ±5%           Owler-Ø (jacket)         5.2 mm ±5%           Owler-Ø (jacket)         5.2 mm ±5%           Owler-Ø (jacket)         5.2 mm ±6%           Nominal voltage         10 km²           Verregetature range (fixed)         30 80 °C           Temperature ra		
Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.15 mm           Construction (core)         19 × 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 × 0.34 mm³           AWG         similar to AWG 22           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%           Colorinumbering of wires         br. bk. bl. wh. gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jack)         PVC           Material (jack)         85 ± 5 A           Outer-Ø (jacket)         85 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           Color (jacket)         black           Chemical resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 028-4           Temperature range (fixed)         -5. +80 °C           Bend		
Single wire Ø (core)         0.15 mm           Construction (core)         19 x 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 x 0.34 mm²           AWG         smillar to AWG 22           Material (vire isolation)         PVC           Material property (vire 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, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material (jacket)         PVC           Material (jacket)         85 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         5.2 mm ±5%           Color (jacket)         5 black           Color (jacket)         5 black           Color (jacket)         5 uses           Shore hardness (jacket)         80 ± 5 A           Outer-Ø (jacket)         5 uses           Shore hardness (jacket)         80 ± 5 A           Outer-Ø (jacket)         5 uses           Store hardness (jacket)         10 ± 2 m ± 5 m ± 5		· · · · · · · · · · · · · · · · · · ·
Construction (core)         19× 0.15 mm (multi-strand wire class 5)           Diameter (core)         5 · 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         45 ± 5 D           Wire-Øincl. isolation         1.25 mm ±5%           Color/numbering of wires         br. bk. b. wh. gr           Stranding combination         5 wires twisted around central filler           Shore hardness (jacket)         PVC           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         5 2 mm ±5%           Color (jacket)         black           Color (jacket)         black           Color (jacket)         black           Hermial resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VWI / CSA FT1           Nominal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 0298-4           Temperat		
Diameter (core)         \$ x 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Wire-Ø incl. isolation         1.25 mm ±5%           Color inumbering of wires         br. bk, bl, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         good resistance to oil, gasoline and chemicals           thermal resistance         10 minal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         3040° C           Bend radius (fixed)         5 × outer Ø           Bend radius (moving)         10 × outer Ø           No./diameter of wires         5 × 0.34 mm²		
AWG         similar to AWG 22           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, wh, gr           Stranding combination         5 wires wisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium., silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           Color (jacket)         black           Color (jacket)         black           Chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         30480 °C           Temperature range (mobile)         5600 °C           Bendr adius (fixed)         5× 034 mm²           Wire isolation <th< td=""><td></td><td></td></th<>		
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, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material property (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           Color (jacket)         bla		similar to AWG 22
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, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           Color (jacket)         clacket)	Material (wire isolation)	PVC
Shore hardness (wire isolation)         45 ± 5 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/mumbering of wires         br, bk, bl, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         65 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           Chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 WW1 / CSA FT1           Nominal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         30+80 °C           Bend radius (moving)         10 × outer Ø           No.diameter of wires         5 × 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	<u> </u>	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires         br, bk, bl, wh, gr           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         -30+80 °C           Temperature range (mobile)         5.× outer Ø           Bend radius (fixed)         5 × outer Ø           Bend radius (moving)         10 × outer Ø           No/diameter of wires         5 × 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Shore hardness (wire isolation)	
Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	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)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5 × 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Color/numbering of wires	br, bk, bl, wh, gr
Material (jacket)         PVC           Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br., wh, bl., bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Stranding combination	5 wires twisted around central filler
Material property (jacket)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (jacket)         85 ±5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Shield	no
Shore hardness (jacket)         85 ± 5 A           Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Material (jacket)	PVC
Outer-Ø (jacket)         5.2 mm ±5%           Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           Test voltage         2000 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         -30+80 °C           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No./diameter of wires         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket)         black           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant UL 1581 VW1 / CSA FT1           Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Shore hardness (jacket)	85 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant UL 1581 VW1 / CSA FT1  Nominal voltage UL 300 V AC  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 5× 0.34 mm²  Wire isolation PVC (br, wh, bl, bk, gr)  Material (jacket) PVC (UL/CSA)  Outer Ø 5.2 mm ±5%	Outer-Ø (jacket)	5.2 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1  Nominal voltage UL 300 V AC  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 5× 0.34 mm²  Wire isolation PVC (br, wh, bl, bk, gr)  Material (jacket) PVC (UL/CSA)  Outer Ø 5.2 mm ±5%	Color (jacket)	black
Nominal voltage         UL 300 V AC           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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	chemical resistance	good resistance to oil, gasoline and chemicals
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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Nominal voltage	UL 300 V AC
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 5× 0.34 mm²  Wire isolation PVC (br, wh, bl, bk, gr)  Material (jacket) PVC (UL/CSA) Outer Ø  5.2 mm±5%	Test voltage	2000 V AC
Temperature range (mobile)         -5+80 °C           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No./diameter of wires         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No./diameter of wires         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Temperature range (fixed)	-30+80 °C
Bend radius (moving)         10 × outer Ø           No./diameter of wires         5 × 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Temperature range (mobile)	-5+80 °C
No./diameter of wires         5× 0.34 mm²           Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Bend radius (fixed)	5× outer Ø
Wire isolation         PVC (br, wh, bl, bk, gr)           Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	Bend radius (moving)	10× outer Ø
Material (jacket)         PVC (UL/CSA)           Outer Ø         5.2 mm ±5%	No./diameter of wires	5× 0.34 mm²
Outer Ø 5.2 mm ±5%	Wire isolation	PVC (br, wh, bl, bk, gr)
	Material (jacket)	PVC (UL/CSA)
Bend radius (moving) 10× outer Ø	Outer Ø	
	Bend radius (moving)	10× outer Ø

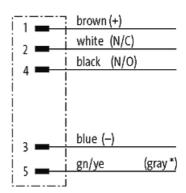


# stay connected

Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Jacket Color	black
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879455398
eClass	27279218
Packaging unit	1
At 1. 1	

## Sketch





(\* for cable type 126, 732, 219, 619)

Product may differ from Image