

# M12 MALE $0^{\circ}$ / M12 FEMALE $0^{\circ}$

PUR 3X0.34 GRAY, UL/CSA + ROBOT, drag ch 0.6m

Male straight – female straight

M12 - M12, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

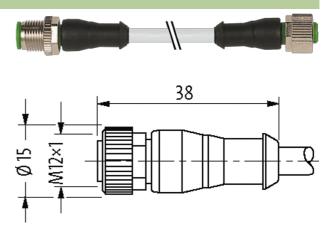
Plastic housings with good resistance against chemicals and oils.

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

### Approvals



\* only for products with UL/CSA approved cable

cCSAus

Form	
Form	40001
Technical Data	
Operating voltage	max. 250 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	3
Coding	A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal $\emptyset$ )	10 mm
General data	

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



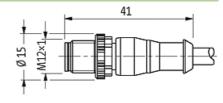
stay connected

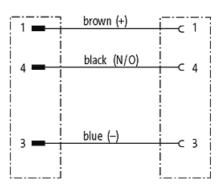
resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Standards	DIN EN 61076-2-101 (M12)
Cables         25485 °C, depending on cable quality           Cables           No. diameter of wires         3 × 0.34 mm²           Wire isolation         PP (br. bl., bk)           C-track properties         10 Mio.           Material (jackel)         PUR (ULCSA), welding spark           Outer Ø         4.3 mm ±5%           Bend radius (moving)         10 · outer Ø           Temperature range (fixed)         4.0480 °C           Temperature range (mobile)         -25480 °C           Cable identification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURUs (AWM-Sylo 20549/10493); CE conform           Cable weight (gim)         29.70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 0km; (20 °C)           Single wire Ø (core)         0.1 mm           Diameter (core)         3 × 0.34 mm²           AWG         aimitar to AWG2           Material (wire isolation)         PP           Material property (wire isolation)         CPC, halogen, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         7 ± 23 D           Vire Ø Incl. (slockel)         PUR           Material property (jac	Mounting method	inserted, tightened
Cobies         No. diameter of wires         3 × 0.34 mm²           Wire isolation         PP (tir, bl, bb)           C-track properties         10 Mio.           Material (ackot)         PUR (ULCSA), wolding spark           Cuter Ø         4.3 mm ±5%.           Bend radius (moving)         10 • outer Ø           Temperature range (fixed)         -4080 °C           Temperature range (mobile)         -2580 °C           Cable identification         253           Cable Type         5 (FUR schweißfunkenbeständig)           Approval (cable)         cURus (ANMI-Style 20549/10493); CE conform           Cable weight (g/m)         29.70           Material (wiro)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         PCC., halogen., cadmium., silicone- and lead-free           Shore hardness (wire isolation)         74 ± 3 D           Wire-Ø Incl. isolation         1.25 mm ± 5%           Color/mumbering of wires<	Pollution Degree	3
No./diameter of wires         3 × 0.24 mm²           Wire isolation         PP (br. bl. bk)           C-track properties         10 Mio.           Material (jackel)         PUR (ULCSA), welding spark           Outer Ø         4.3 mm ±5%           Bend radius (moving)         10 × outer Ø           Temperature range (fixed)         40480 °C           Temperature range (mobile)         25480 °C           Cable Identification         253           Cable Type         5 (PUR schweißflurkenbest\(\text{anility}\))           Approval (cable)         cURus (AVMA-Style 20549/10493); CE conform           Cable weight [g/m]         29.70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AVIG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC, halogen, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ± 3 D           Wire-Ø Incl. Isolation         1.25 mm ±5%           Color/numbering of wires <td>Temperature range</td> <td>-25+85 °C, depending on cable quality</td>	Temperature range	-25+85 °C, depending on cable quality
Wire isolation         PP (br, bl. bk)           C-track properties         10 Mio.           Material (jacket)         PUR (ULCSA), welding spark           Cuter Ø         4.9 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         25+80 °C           Cable identification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [g/m]         29.70           Material (wire)         CU wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Oinstruction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3× 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         PP           Mire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br. bk. bl           Shranding combination         1.25 mm ±5%           Color/numbering of wires         br. bk. bl           Shreid	Cables	
C-track properties         10 Mio.           Material (jacket)         PUR (ULCSA), welding spark           Outer Ø         4.3 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         -40+80 °C           Cabile (dentification         253           Cabie Type         5 (PUR schweißlunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cabie weight (g/m)         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3x 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         CFC, halogen-, cadmium-, silicone- and lead-free           More-Ø incl. isolation         1.25 mm ±5%           Short hardness (wire isolation)         74 ± 3 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/unberding of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no <tr< td=""><td>No./diameter of wires</td><td>3× 0.34 mm²</td></tr<>	No./diameter of wires	3× 0.34 mm²
Material (jacket)         PUR (ULCSA), welding spark           Outer O         4.8 mm ±5%           Bend radius (moving)         10× outer Ø           Temperature range (fixed)         40+80 °C           Temperature range (mobile)         -25+80 °C           Cable (denfification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight (gim)         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (vire isolation)         PP           Material property (wire isolation)         CPC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         7 ± 35 D           Wire Ø incl. isolation         1,25 mm ±5%           Color/inumbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         CPC-, halogen-	Wire isolation	PP (br, bl, bk)
Outer Ø         4.3 mm ±5%           Bend radius (moving)         10 - outer Ø           Temperature range (tixed)         -40+80 °C           Temperature range (mobile)         -25+80 °C           Cable identification         253           Cable Type         5 (PUR schweißtunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [g/m]         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ±3 D           Wire-Ø incl. isolation         1,25 mm ±5%           Cotorinumbering of wires         br, bk, bl           Stranding combination         3 wires livisted           Shield         no           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic	C-track properties	10 Mio.
Bend radius (moving)	Material (jacket)	PUR (UL/CSA), welding spark
Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -25+80 °C           Cable Identification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [gm]         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3× 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         PP           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Stranding combination         3 wires twisted           Material property (jacket)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ±3 D           Outer-Ø (jacket)         4.3 mm ±5%           Color (jacket)	Outer Ø	4.3 mm ±5%
Temperature range (mobile)         -25+80 °C           Cable identification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [g/m]         29.70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ±3 D           Wire-Ø incl. isolation         1.25 mm ±5%           Color/numbering of wires         br, bk, bl           Shranding combination         3 wires twisted           Shield         no           Material (jacket)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ±3 D	Bend radius (moving)	10× outer Ø
Cable identification         253           Cable Type         5 (PUR schweißfunkenbeständig)           Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [g/m]         29.70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ± 3 D           Wire-3 incl. isolation         1.25 mm ±5%           Color/numbering of wires         br. bk, bl           Stranding combination         3 wires twisted           Shield         no           Material (jacket)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant           Shield         no           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant<	Temperature range (fixed)	-40+80 °C
Cable Type       5 (PUR schweißfunkenbeständig)         Approval (cable)       cURus (AWM-Style 20549/10493); CE conform         Cable weight [g/m]       29,70         Material (wire)       Cu wire, bare         Resistor (core)       max. 60 Ω/km (20 °C)         Single wire Ø (core)       0.1 mm         Construction (core)       42 × 0.1 mm (multi-strand wire class 6)         Diameter (core)       3 × 0.34 mm²         AWG       similar to AWG 22         Material (wire isolation)       PP         Material property (wire isolation)       CFC-, halogen-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       74 ± 3 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)       PUR         Material property (jacket)       CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant         Shore hardness (jacket)       58 ± 3 D         Outer-Ø (jacket)       4.3 mm ±5%         Color (jacket)       gray         Chemical resistance       good resistance to oil, gasoline and chemicals	Temperature range (mobile)	-25+80 °C
Approval (cable)         cURus (AWM-Style 20549/10493); CE conform           Cable weight [g/m]         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ωkm (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3× 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ±3 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)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ±3 D           Outer-Ø (jacket)         4.3 mm ±5%           Color (jacket)         gray           Chemical resistance         flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark re	Cable identification	253
Cable weight [g/m]         29,70           Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3× 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ±3 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)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ±3 D           Outer-Ø (jacket)         4.3 mm ±5%           Color (jacket)         gray           chemical resistance         flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant           Nominal voltage         300 V AC	Cable Type	5 (PUR schweißfunkenbeständig)
Material (wire)         Cu wire, bare           Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CFC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ± 3 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)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic esistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ± 3 D           Cuter-Ø (jacket)         4.3 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant           Nominal	Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Resistor (core)         max. 60 Ω/km (20 °C)           Single wire Ø (core)         0.1 mm           Construction (core)         42× 0.1 mm (multi-strand wire class 6)           Diameter (core)         3× 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material property (wire isolation)         CPC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         74 ± 3 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)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant           Shore hardness (jacket)         58 ± 3 D           Outer-Ø (jacket)         4.3 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant           Nominal voltage         300 V AC           Current load c	Cable weight [g/m]	29,70
Single wire Ø (core)  O.1 mm  Construction (core)  42× 0.1 mm (multi-strand wire class 6)  Diameter (core)  3× 0.34 mm²  AWG  similar to AWG 22  Material (wire isolation)  PP  Material property (wire isolation)  CFC-, halogen-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  74 ± 3 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)  PUR  Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ± 3 D  Outer-Ø (jacket)  4.3 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Material (wire)	Cu wire, bare
Construction (core)  42 × 0.1 mm (multi-strand wire class 6)  Diameter (core)  3 × 0.34 mm²  AWG  similar to AWG 22  Material (wire isolation)  PP  Material property (wire isolation)  CFC-, halogen-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  74 ±3 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)  PUR  Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ±3 D  Outer-Ø (jacket)  4.3 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Resistor (core)	max. 60 Ω/km (20 °C)
Diameter (core) 3× 0.34 mm²  AWG similar to AWG 22  Material (wire isolation) PP  Material property (wire isolation) CFC-, halogen-, 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) PUR  Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Single wire Ø (core)	0.1 mm
AWG similar to AWG 22  Material (wire isolation) PP  Material property (wire isolation) CFC-, halogen-, 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) PUR  Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Material (wire isolation)       PP         Material property (wire isolation)       CFC-, halogen-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       74 ±3 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)       PUR         Material property (jacket)       CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant         Shore hardness (jacket)       58 ±3 D         Outer-Ø (jacket)       4.3 mm ±5%         Color (jacket)       gray         chemical resistance       good resistance to oil, gasoline and chemicals (EN 60811-404)         thermal resistance       flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant         Nominal voltage       300 V AC         Test voltage       2500 V AC         Current load capacity       to DIN VDE 0298-4	Diameter (core)	3× 0.34 mm²
Material property (wire isolation)  CFC-, halogen-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  74 ±3 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)  PUR  Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ±3 D  Outer-Ø (jacket)  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	AWG	similar to AWG 22
Shore hardness (wire isolation)  74 ±3 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)  PUR  Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ±3 D  Outer-Ø (jacket)  4.3 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Material (wire isolation)	PP
Wire-Ø incl. isolation       1.25 mm ±5%         Color/numbering of wires       br, bk, bl         Stranding combination       3 wires twisted         Shield       no         Material (jacket)       PUR         Material property (jacket)       CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant         Shore hardness (jacket)       58 ±3 D         Outer-Ø (jacket)       4.3 mm ±5%         Color (jacket)       gray         chemical resistance       good resistance to oil, gasoline and chemicals (EN 60811-404)         thermal resistance       flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant         Nominal voltage       300 V AC         Test voltage       2500 V AC         Current load capacity       to DIN VDE 0298-4	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted  Shield no  Material (jacket) PUR  Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  Chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Shore hardness (wire isolation)	74 ±3 D
Stranding combination 3 wires twisted  Shield no  Material (jacket) PUR  Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ± 3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no  Material (jacket) PUR  Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Color/numbering of wires	br, bk, bl
Material (jacket)  PUR  Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ±3 D  Outer-Ø (jacket)  4.3 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Stranding combination	3 wires twisted
Material property (jacket)  CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket)  58 ±3 D  Outer-Ø (jacket)  4.3 mm ±5%  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Shield	no
resistant, hydrolysis-, microbial- and welding spark resistant  Shore hardness (jacket) 58 ±3 D  Outer-Ø (jacket) 4.3 mm ±5%  Color (jacket) gray  chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Material (jacket)	PUR
Outer-Ø (jacket)  Color (jacket)  gray  chemical resistance  good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance  flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage  300 V AC  Test voltage  2500 V AC  Current load capacity  to DIN VDE 0298-4	Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis-, microbial- and welding spark resistant
Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4	Shore hardness (jacket)	58 ±3 D
chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)  thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Outer-Ø (jacket)	4.3 mm ±5%
thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  Nominal voltage 300 V AC  Test voltage 2500 V AC  Current load capacity to DIN VDE 0298-4	Color (jacket)	gray
Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4	thermal resistance	flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant
Current load capacity to DIN VDE 0298-4	Nominal voltage	300 V AC
	Test voltage	2500 V AC
	Current load capacity	to DIN VDE 0298-4
Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Temperature range (fixed)	-40+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours)	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed) 5× outer Ø	Bend radius (fixed)	5× outer Ø
Bend radius (moving) 10× outer Ø	Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track) max. 10 Mio. (25 °C)	No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Traversing distance (C-track) max. 5 m (horizontal)	Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track) max. 3.3 m/s	Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track) max. 5 m/s <sup>2</sup>	Acceleration (C-track)	max. 5 m/s <sup>2</sup>



# stay connected

Torsion stress	±360°/m
No. of torsion cycles	max. 1 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	gray
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879185929
eClass	27279218
Packaging unit	1
Sketch	

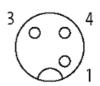




Male

Female





Product may differ from Image