

M12 MALE 90°

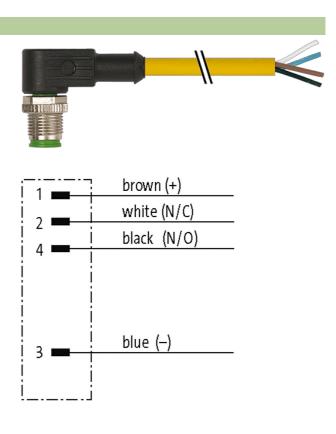
PVC 4X0.34 YELLOW, UL/CSA 5m

Male 90° M12, 4-pole 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

Approvals			
	* only for products with UL/CSA approved cable	cCSAus	EAC

Form	
Form	12101
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

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

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Lacking of parts Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Probacison IP66, IP66 (IP67 inserted and lightened (EN 00529) Locking material Znc die casting, matte nickel plated Material PUR salitable for corrugated tube (internal 0) 10 mm General data DN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25, +85 °C, depending on cable quality Cacles No. Alametar of wires No. Alametar of wires 4 + 0.34 mm² Wire isolation PVC (ULCSA) Outer 0 5.0 mm 15%. Bernd radius (moving) 10 vouter 0 Temperature range (isod) -3080 °C Cable identification 014 Cable identification 014 Cable identification 014 Cable identification 014 °C) Cable identification 014 °C) Cable valid [kgm1 40, 70 Material (wire) Cu wire, bare Cable valid [kgm1 40, 70 Material (wire) Cu wire, bare Cable valid [kgm1 40, 70 Material (wire) Cu wire, bare Cable valid [kgm1 40, 02 Singe wire (Co	Coding	A-coded
Protection IP65, IP66K, IP67 inserted and tightened (EN 80529) Locking material Zinc die casting, material material material material material plated Material PUR suitable for corrugated tube (internal 0) 10 mm General data DIN EN 61076-2-101 (M12) Pollution Dogree 3 Temperature range -25+85 °C, depending on cable quality Cables No.diameter of wires 4 × 0.34 mm² Wire isolation PVC (ULCSA) Outer 0 5 0 mm 15% Bend radius (involving) 10 × outer 0 Temperature range (involving) 10 × outer 0 Temperature range (mobile) -8480 °C Cable Genefitication 0.14 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable veright (sm1) 4070 Material (wire) Gu write, bare Coataruction (core) 19 + 0.15 mm (multi strand wire class 5) Diameter (core) 19 + 0.15 mm ±5% Cable veright (wire isolation) PVC Material (wire isolation) P	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Locking material Zinc die casting, mate nickel plaled Material PUR sultable for corrugated tube (internal 0) 10 mm General data Standards Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -2585 °C, depending on cable quality Cables Vol. No.diameter of wires 4 × 0.34 mm² Wire isolation PVC (Lr, wh.b, bk) Material (gacket) PVC (LCSA) Outer Ø 5.0 mm ±5% Bend radius (moving) 10 × outer Ø Temperature range (mobile) -5480 °C Cable Type 1 (PVC) Approval (cable) UL (AVM-Style 2464/1731, CSA Cable Veght [gm] 40.70 Material (wrie) Cu wire, bare Resistor (core) 11 + 0.43 mm² Auge (avrie) 0.15 mm (mulli strand wire class 5) Diamoter (core) 19 + 0.15 mm (mulli strand wire class 5) Diamoter (core) 19 + 0.15 mm (mulli strand wire class 5) Diamoter (core) 19 + 0.15 mm (mulli strand wire class 5) <t< td=""><td>Compression gland</td><td>M12 (SW13)</td></t<>	Compression gland	M12 (SW13)
Material PUR suitabile for corrugated tube (internal 0) 10 mm General data IDN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cable No. diamater of wires No. diamater of wires 4 × 0.34 mm² Wire isolation PVC (br, wh, bl, bk) Material (jacket) PVC (br, wh, bl, bk) Material (wile (moving)) 10 × outer 0 Temperature range (mobile) -5480 °C Cable forge 1 (PVC) Approval (cable) UL (AVWA-Style 2464/1731), CSA Cable forge 1 (PVC) Approval (cable) UL (AVWA-Style 2464/1731), CSA Cable wielght (gim) 40.70 Material (wire) Cu wire, bare Resistor (core) 0.15 mm	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø) 10 mm General data Standards DIN EN 61076-2-101 (M12) Pollution Dagree 3 Temperature range -25455 °C, depending on cable quality Cables No./diameter of wires 4 + 0.34 mm ³ Wire isolation PVC (br. wh. bl., bk) Material (jacke) PVC (UL/SA) Cuter Ø 5 0 mm 55% Bend radius (moving) 10 = outer Ø Temperature range (fxed) -30480 °C Temperature range (fxed) -30480 °C Temperature range (fxed) -30480 °C Cable fyen 1 (PVC) Approval (cable) UL (AVIM-Style 2464/1731), CSA Cable vejoht (gim) 40.70 Material (jacke) UL (AVIM-Style 2464/1731), CSA Cable vejoht (gim) 40.70 Material (wire) Cu wire, bare Resistor (core) 19.9 o.15 mm Construction (core) 19.9 o.15 mm Construction (core) 19.9 o.15 mm Xivi Biolation) CFC- Cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Joint. Silication Apple VC Material (wire) Cu Cu Material (wire) Cu Cu King, bl., wh Material (wire) ADM AWG 22 Material (wire isolation) FVC Material (wire isolation) CFC- Cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Joint. Silication Advise (jacke) CC- Cadmium-, silicone- and lead-free Shore hardness (jacke) Silication Advise (jacke) CC- Cadmium-, silicone- and lead-free Shore hardness (jacke) Silication Advise (jacke) CC- Cadmium-, silicone- and lead-free Shore hardness (jacke) Silication Advise (jacke) CC- Commuting and the silication Advise (jacke) CC- Commuting and property (jacke) CC-C- Commuting and the silication CCC- Commuting and property (jacke) CCC- Commuting and property (jacke) CCC- Commuting and the silication Advise (jacke) CCC- Commuting and property (jacke) CCC- Commuting and (jacke) Silication Advise (jacke) CCC- Commuting and (jacke) Silication CCC- Commuting and (jacke) Silication CCCC- Commuting and (jacke) Silication Si	Locking material	Zinc die casting, matte nickel plated
General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Cobles No./diameter of wires 4 × 0.34 mm ³ Wrie isolation PVC (br, wh, b, b) Material (jacket) PVC (ULCSA) Outer Ø 5.0 mm 25% Bend radius (moving) 10× outer Ø Temperature range (twol) -30+80 °C Cable dentification 014 Cable dentification 014 Cable dentification 014 Cable dentification 014 Cable weight (gm) 40.70 Material (wire) Cu wire, bare Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 4× 0.34 mm ³ Award wire isolation 4× 0.34 mm ³ Award wire isolation 4× 0.34 mm ³ Award (wire) Cu wire, bare ±55 m (multi-strand wire class 5) Diameter (core) 4× 0.34 mm ³ Award (wire isolation) CFC-, cadmium-, silicone- and lead-free	Material	PUR
StandardsDIN EN 61076-2-101 (M12)Follution Degree3Temperature range-25+85 °C, depending on cable qualityCablesNo.kdiameter of wires4 + 0.34 mm²Wire isolationPVC (br, wh. bl, bk)Material (jacket)PVC (UL/CSA)Outer Ø5.0 mm ±5%Bend radius (moving)10 + outer ØTemperature range (txod)-30480 °CCable Type1 (PVC)Approval (cable)0.14Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable veight (g/m)40,70Material (wire)Cu wire, barePresistor (core)mas. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19 + 0.15 mm (multi-strand wire clase 5)Diareler (core)4 x 0.34 mm³AWGsimilar to AWG 22Material (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)4 5 ± 5 DViffe-O incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStarting combination4 wires twistedShieldnoMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)PVCMaterial (goket)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)4 wires twistedShore hardness (jacket)PVCMaterial (goket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)FVC	suitable for corrugated tube (internal \emptyset)	10 mm
Pollution Degree 3 Temperature range -25+85 *C, depending on cable quality Cable No./diameter of wires 4 × 0.34 mm ² Wire isolation PVC (br, wh, bl, bk) Material (jackot) PVC (UL/CSA) Outer Ø 5.0 mm 55% Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+80 *C Temperature range (fixed) -5+80 *C Cable identification 014 Cable Type 1 (PVC) Approval (cable) UL (AVM-Style 2464/1731), CSA Cable weight (g/m) 40,70 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) 4 × 0.34 mm ² Material (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Q Incl. isolation 1.25 mm ±5% Color/numbering of wires br.bk, bl, wh Str	General data	
Temperature range -25485 °C, depending on cable quality Cables No./diameter of wires 4 × 0.34 mm² Wire isolation PVC (br, wh, bl, bk) Material (jacket) PVC (br, wh, bl, bk) Material (jacket) PVC (br, wh, bl, bk) Bend radius (moving) 10 × outer Ø Temperature range (fixed) -30480 °C Cable identification 014 Cable Identification 014 Cable identification 014 Cable weight (gim] 40.70 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) 4.0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) 45 ± 5 D Vire -Q incl. isolation 1.25 mm ±5% Color/mumbering of wires br. bk, bl, wh Stranding combination 4 wires wisted Stheid no Material (jacket) PVC M	Standards	DIN EN 61076-2-101 (M12)
Cables No./diameter of wires 4 × 0.34 mm ² Wire isolation PVC (br. wh, bl, bk) Material (jacket) PVC (DL/CSA) Outer Ø 5.0 mm 25% Bend radius (moving) 10 × outer Ø Temperature range (fixed) -3080 °C Cable identification 014 Cable identification 0.70 Mate	Pollution Degree	3
No.diameter of wires 4 × 0.34 mm² Wire isolation PVC (br, wh, bl, bk) Material (jacket) PVC (UL/CSA) Outer Ø 5.0 m ± 5% Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+80 °C Cable identification 014 Gable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40.70 Material (wire) Cu wire, bare Resistor (core) max. 60 Qkm (20 °C) Single wire Ø (core) 0.15 mm Orstruction (core) 19x 0.15 mm (multi-strand wire class 5) Diameter (core) 4 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) FVC = C, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 4 ± 5 ± 5 D Wire Ø incl. isolation 1.25 mm ± 5% Color(mumbering of wires br, bk, bh, wh Stranding combination 4 wires twisted Shore hardness (jacket) S ± 5 Å	Temperature range	-25+85 °C, depending on cable quality
Wire isolation PVC (br, wh, bl, bk) Material (jacket) PVC (UL/CSA) Outer Ø 5.0 mm 35% Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+80 °C Cable identification 014 Cable weight (g/m) 40,70 Approval (cable) UL (AVM-Style 2464/1731), CSA Cable weight (g/m) 40,70 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 (mutif-strand wire class 5) Diameter (core) 4× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) 45 ± 5 D Wire-Øind. isolation 1.25 mm ±5% Colorinumbering o	Cables	
Material (acket) PVC (LLCSA) Outer Ø 5.0 mm ±5% Bend radius (moving) 10x outer Ø Temperature range (fixed) -30+80 °C Cable identification 014 Cable identification 014 Cable identification 014 Cable identification 014 Cable weight [g/m] 40,70 Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40,70 Material (wire) Cu wire, bare Resistor (core) max. 60 Ωkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19x 0.15 mm (multi-strand wire class 5) Diameter (core) 4× 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 Stranding combination 4 wires twisted Shield	No./diameter of wires	4× 0.34 mm ²
Outer Ø 5.0 mm ±5% Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+80 °C Cable identification 014 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40,70 Material (wire) Cu wire, bare Resistor (core) max. 60 Ωkm (20 °C) Single wire Ø (core) 0.15 mm (multi-strand wire class 5) Diameter (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 4 × 0.34 mm² AWG 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 Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material (jacket) PVC Color/numbering of wires br.bk, bl, wh Stranding combination 4 wires twisted Shield </td <td>Wire isolation</td> <td>PVC (br, wh, bl, bk)</td>	Wire isolation	PVC (br, wh, bl, bk)
Bend radius (moving) $10 \times outer \emptyset$ Temperature range (fixed) $-30+80 \ ^{\circ}C$ Cable identification 014 Cable identification 014 Cable Type $1 (PVC)$ Approval (cable)UL (AVM-Style 2464/1731), CSACable weight [g/m] $40,70$ Material (wire)Cu wire, bareResistor (core)max. $60 \ \Omega km (20 \ ^{\circ}C)$ Single wire \emptyset (core) $0.15 \ mm$ Construction (core) $19 \times 0.15 \ mm$ Construction (core) $19 \times 0.15 \ mm$ AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation) $4 \ wires \ br. bk, bl, wh$ Stranding combination $4 \ wires \ wisted$ ShieldnoMaterial (gickel)PVCMaterial (gickel) PVC Material (gickel) $85 \pm 5A$ Color/numbering of wires $br. bk, bl, wh$ Stranding combination $4 \ wires \ wisted$ ShieldnoMaterial (gickel)PVCMaterial (gickel) PCC , cadmium-, silicone- and lead-freeShieldnoColor/numbering of wires $br. bk, bl, whStranding combination4 \ wires \ wistedShieldnoMaterial (gickel)PCC, cadmium-, silicone- and lead-freeShore hardness (gickel)CFC-, cadmium-, silicone- and lead-freeShore hardness (gickel)65 \pm 5AColor (gickel)50 \ mm \pm 5$	Material (jacket)	PVC (UL/CSA)
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Cable identification 014 Cable weight [g/m] 40,70 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) 4× 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 Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shireld no Material property (jacke	Outer Ø	5.0 mm ±5%
Temperature range (mobile) -5+80 °C Cable identification 014 Cable identification 014 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40,70 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) 4 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-r, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Ø (ncl. isolation 1.25 mm ± 5% Color/mumbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no Material (property (jacket) CFC-r, cadmium-, silicone- and lead-free Shield no Material property (jacket) D/C C, cadmium-, silicone- and lead-free Shield no Material (jacket) PVC Ma	Bend radius (moving)	10× outer Ø
Cable identification014Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ωkm (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Øincl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)6FC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Temperature range (fixed)	-30+80 °C
Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight [g/m] 40,70 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) 4× 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) 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no Material (acket) PVC Material (acket) PVC Material (acket) Standing combination 4 wires twisted Shield Shield no Material (acket) St ± 5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5%	Temperature range (mobile)	-5+80 °C
Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]40,70Material (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 ° C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)S± 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowcharlenss (jacket)85 ± 5 AOuter-Ø (jacket)yellowcharlenss (jacket)0.1 solation the signature of the sign	Cable identification	014
Cable weight [g/m]40.70Material (wire)Cu wire, bareResistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AColor (jacket)5.0 mm ±5%Color (jacket)5.0 mm ±5%Color (jacket)yellowcharacter (jacket)yellowcharacter (jacket)good resistance to oil, gasoline and chemicals	Cable Type	1 (PVC)
Material (wire) Cu wire, bare Resistor (core) max. 60 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 4× 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 Stranding combination 4 wires twisted Shield no Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shield no Material (jacket) PVC Material (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals <td>Approval (cable)</td> <td>UL (AWM-Style 2464/1731), CSA</td>	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (core)max. 60 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShore hardness (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)9.0 dresistance to oil, gasoline and chemicals	Cable weight [g/m]	40,70
Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShore hardness (jacket)PVCMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowcharleness (jacket)900 resistance to oil, gasoline and chemicals	Material (wire)	Cu wire, bare
Construction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)4× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Resistor (core)	max. 60 Ω/km (20 °C)
Diameter (core) $4 \times 0.34 \text{ mm}^2$ AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation) $45 \pm 5 D$ Wire-Ø incl. isolation $1.25 \text{ mm} \pm 5\%$ Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket) $85 \pm 5 A$ Outer-Ø (jacket) $5.0 \text{ mm} \pm 5\%$ Color (jacket)yellowcharacter (jacket)yellowcharacter (jacket)good resistance to oil, gasoline and chemicals	Single wire Ø (core)	0.15 mm
AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Diameter (core)	4× 0.34 mm ²
Material property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ± 5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	AWG	similar to AWG 22
Shore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Material (wire isolation)	PVC
Wire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wiresbr, bk, bl, whStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Shore hardness (wire isolation)	45 ±5 D
Stranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Wire-Ø incl. isolation	1.25 mm ±5%
ShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Color/numbering of wires	br, bk, bl, wh
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicals	Stranding combination	4 wires twisted
Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals	Shield	no
Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals	Material (jacket)	PVC
Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals	Shore hardness (jacket)	85 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals	Outer-Ø (jacket)	5.0 mm ±5%
	Color (jacket)	yellow
thermal resistance flame retardant UL 1581 VW1 / CSA FT1	chemical resistance	good resistance to oil, gasoline and chemicals
	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
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 (fixed)	5× outer Ø

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

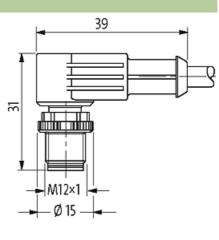
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

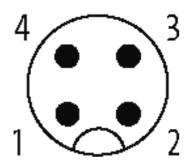


Bend radius (moving)	10× outer Ø			
Jacket Color	yellow			
Commercial data				
country of origin	DE			
customs tariff number	85444290			
EAN	4048879215992			
eClass	27279218			
Packaging unit	1			
a				

Sketch



Male



Product may differ from Image

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com