

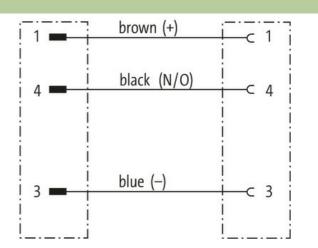
M12 male 0° / M12 female 0° A-cod.

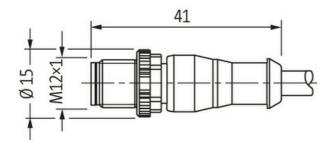
PVC 3x0.34 ye UL/CSA 10m

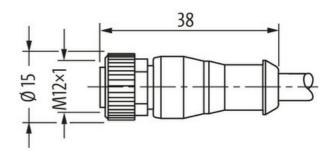
Male straight – female straight M12 – M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



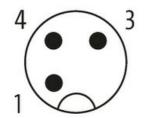






Male

Female



300

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: 03/22

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* only for products with UL/CSA approved cable

Material groupIEC 80864-1, category 1CodingA-codedLocking of portsScrew thread (M12+1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)MaterialPURLocking arterialZirc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)10 mmCentral dataScrew thread (M12)Mounting methodinserted, tightenedPollution Degree3Temperature range-25+85 °C, depending on cable qualityCable SectorCable TypeCable Information013Cable Type1 (PVC)Approval (cable)CURus (AWM-Style 2464/1731), CE-conformCable Type	Form	
Operating voltage max. 260 V AC/DC Operating voltage (only UL listen) max. 30 V AC/DC Rend surge voltage 2.5 kV Operating current per contact max. 4 A No. of pole 3 Matrial group IEC 60664-1, catagory 1 Coding Acoded Coding Acoded Coding parts Sorew thread (M12x1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP05, IP05K, IP07 resertor and tightened (EN 60529) Matrial PUR Coding material Zm die casting, matte nickel platad satiable for corrugated tube (internal Ø) IP mm Contarting method insertod, lightened Protection IP MS Coling method insertod, lightened Coling method insertod, lightened Coling method 113 Coling insertod, lightened Coling Componed	Form	40001
Operating voltage (only UL listed) max. 30 V AC/DC Rated surge voltage 2.5 kV Operating current per contact max. 4 A No. of poles 3 Gregaring current per contact max. 4 A Coding A-coded Coding A-coded Coding A-coded Compression gland M12 (SW15) Protection IP65, IP66K, IP67 reserted and lightened (EN 60529) Material Zinc die casting, matte nickel plated Suitable for corrugated tube (internal G) 10 mm General data Zinc die casting, matte nickel plated Suitable for corrugated tube (internal G) 10 mm General data Zinc die casting, matte nickel plated Suitable for corrugated tube (internal G) 10 mm General data Zinc die casting, matte nickel plated Suitable for corrugated tube (internal G) 10 mm General data Zinc die casting, matte nickel plated Suitable formotion 13 Cable meight (figm) 41, 9 Cable formotion 013 Cable meight (figm) 4	Technical Data	
Rated surge voltage 2.5 kV Operating current per contact max. 4 A No. of poles 3 Material group IEC 60684-1, category 1 Coding A-codd Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP66, IP66, IP67, Incerted and lightened (EN 60528) Material PUR Locking material Zinc dio casting, matterial dio autoble for corrugated tube (internal 0) Mounting method Inserted, tightened Mounting method Inserted, tightened Pollution Degree 3 Temporature range -2545 °C, depending on cable quality Cable Coll Cable identification 013 Cable identification 014 Cable identification 01444 (gr °C) Material Wire Ø (core) 0.45 Km (20 °C) Single wire Ø (core) 0.45 fm (20 °C) Single wire Ø (core) 0.45 gm Gable Type 1 (PVC) Acable in property (wire soldation) 4.5 gm	Operating voltage	max. 250 V AC/DC
Operating current per contact max: 4 A No. of poles 3 Mo. of poles 3 Material group IEC 606641, category I Coding A-coded Compression gland M12 (SW13) Protection IP65, IP66K, IP27 Inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal 0) 10 mm General data Standards DIN EN 61076-2-101 (M12) Timperature range fambrand Inserted, tightened Pollution Degree 3 Cable inform 013 Cable region (cable) OutPus (AVM Style 2464/1731), CE-conform Cable inform 0.13 Cable inform 0.14 (gV C) Approval (cable) Outwine, bare Construction (cree) 0.14 (gV C) Approval (cable) Outwine, bare Cable inform 0.15 mm Cable inform 0.15 mm Cable inform 0.15 mm Cable inform <t< td=""><td>Operating voltage (only UL listed)</td><td>max. 30 V AC/DC</td></t<>	Operating voltage (only UL listed)	max. 30 V AC/DC
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Compression gland M12 (SW13) Protection IP65, IP66R, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm General data Standards Standards DIN EN 61076-2-101 (M12) Mounting method inserted, lightened Pollution Degree 3 Temperature range -25+86 °C, depending on cable quality Cables Cables Cable forpe 1 (PVC) Approval (cable) cDRus (AWM-Style 2464/1731), CE-conform Cable deptify[m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max.: 5 Qu/m (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19 × 0.15 mm (UII:strand wire class 5) Diameter (core) 3.0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (cole) 10.5 m ±5% Colorumetering of wires br.b. k I Stranding comb	Coding	A-coded
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Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) 10 mm General data E Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification Cable identification 013 Cable identification 014 Cable weight [g/m] 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Dameter (core) 3× 0.34 mm² AVG sillar to AVG 22 Material (wire isolation) PVC Material (wire isolation) CF-, cadmium-, silicone- and lead-free Store hardness (wire isolation) 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted St	Compression gland	M12 (SW13)
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Cable Identification013Cable Type1 (PVC)Approval (cable)cURus (AWM-Style 2464/1731), CE-conformCable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 57 Q/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19 × 0.15 mm (multi-strand wire class 5)Diameter (core)3 × 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AColor/numbering of wiresbr, bk, blCharrier (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AColor (jacket)45 ±5 DColor (jacket)45 ±5 AColor (jacket)yellowchermical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Temperature range	-25+85 °C, depending on cable quality
Cable Type1 (PVC)Approval (cable)cURus (AWM-Style 2464/1731), CE-conformCable weight [g/m]34,1 gMaterial (wire)Cu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)45 ±5 DVire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (acket)PVCMaterial (acket)AFG-, cadmium-, silicone- and lead-freeShieldnoColor/numbering of wiresbr, bk, blColor (acket)4.6 mm ±5%Color (acket)VPCMaterial (acket)9.5 ±5 AOuter-Ø (acket)4.6 mm ±5%Color (acket)9.10 wchemical resistancegood resistance to oil, gaoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Cables	
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Resistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)19× 0.15 mm (multi-strand wire class 5)Diameter (core)3× 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, blStranding combination3 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (igacket)85 ± 5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Cable weight [g/m]	34,1 g
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Construction (core)19x 0.15 mm (multi-strand wire class 5)Diameter (core)3x 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, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Resistor (core)	max. 57 Ω/km (20 °C)
Diameter (core) $3 \times 0.34 \text{ mm}^2$ AWGsimilar to AWG 22Material (vire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation) $45 \pm 5 \text{ D}$ Wire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	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, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	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, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ± 5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Diameter (core)	3× 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, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)VCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	AWG	similar to AWG 22
Shore hardness (wire isolation)45 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Material (wire isolation)	PVC
Wire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC		
Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Shore hardness (wire isolation)	45 ±5 D
Stranding combination3 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC		1.25 mm ±5%
ShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC		br, bk, bl
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)85 ±5 AOuter-Ø (jacket)4.6 mm ±5%Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	•	3 wires twisted
Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 4.6 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2 Nominal voltage UL 300 V AC		
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Outer-Ø (jacket) 4.6 mm ±5% Color (jacket) yellow chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2 Nominal voltage UL 300 V AC		
Color (jacket)yellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	3 ,	
chemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2Nominal voltageUL 300 V AC	Outer-Ø (jacket)	
thermal resistance flammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2 Nominal voltage UL 300 V AC		
Nominal voltage UL 300 V AC		
		-
Test voltage 2000 V AC		
	Test voltage	2000 V AC

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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
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879186674
eClass	27279218
Packaging unit	1.000

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