

M12 male 0° / M12 female 0° A-cod. shielded

PUR 12x0.14 shielded bk UL/CSA+dragchain 0.6m

Male straight – female straight M12 – M12, 12-pole shielded

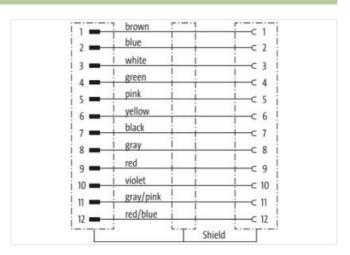
Plastic housings with good resistance against chemicals and oils.

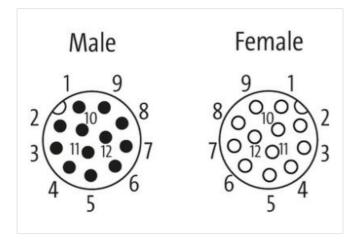
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

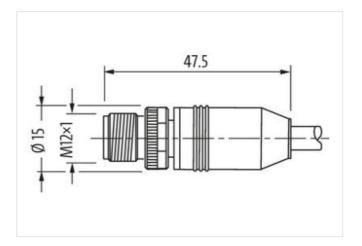
Link to Product

Illustration



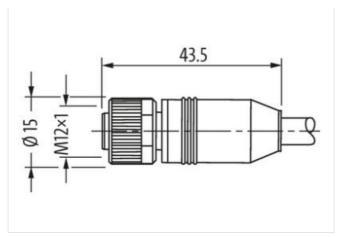








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Product may differ from Image









* only for products with UL/CSA approved cable

Technical Data	Form	
Deparating voltage max. 30 V AC/DC	Form	53301
Sperating voltage (only UL listed) 30 V AC/DC	Technical Data	
Acted surge voltage 0.8 kV	Operating voltage	max. 30 V AC/DC
Deparating current per contact max. 1.5 A	Operating voltage (only UL listed)	30 V AC/DC
12 Material group IEC 60664-1, category I	Rated surge voltage	0.8 kV
IEC 60664-1, category Coding	Operating current per contact	max. 1.5 A
A-coded ED display no cocking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR cocking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cable identification 706 Cable identification 706 Cable identification 706 Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	No. of poles	12
LED display no Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting, matte nickel plated PUR Locking material Zinc die Casting Material (EN 60529) Locking material Zinc die Casting Material (E	Material group	IEC 60664-1, category I
Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Jinc die casting, mattenickel plated Ji	Coding	A-coded
Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable (JUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	LED display	no
Adaterial PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Zinc die casting, matter nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Material	PUR
Compression gland M12 (SW13) General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Locking material	Zinc die casting, matte nickel plated
General data Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable identification 706 Cable wight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) DIN EN 61076-2-101 (M12) M129 Au Au Au Au Au Au Au Au Au A	suitable for corrugated tube (internal Ø)	without
Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable identification 706 Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) Material (M12)	Compression gland	M12 (SW13)
Mounting method inserted, tightened Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	General data	
Material (contact) Material (contact surface) Material (contact surface) Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] Material (wire) Cu wire, bare Resistor (core) Max. 138 Ω/km (20 °C)	Standards	DIN EN 61076-2-101 (M12)
Material (contact surface) Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] Material (wire) Cu wire, bare Resistor (core) Au Au Au Au Au Au Au Au Au A	Mounting method	inserted, tightened
Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Material (contact)	Copper alloy
Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Material (contact surface)	Au
Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Material (gasket)	FKM
Cables Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Pollution Degree	3
Cable identification 706 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Temperature range	-25+85 °C, depending on cable quality
Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Cables	
Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Cable identification	706
Cable weight [g/m] 67,1 g Material (wire) Cu wire, bare Resistor (core) max. 138 Ω/km (20 °C)	Cable Type	3 (PUR)
Material (wire) Cu wire, bare max. 138 Ω/km (20 °C)	Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Resistor (core) max. 138 Ω/km (20 °C)	Cable weight [g/m]	67,1 g
	Material (wire)	Cu wire, bare
Single wire Ø (core) 0.1 mm	Resistor (core)	max. 138 Ω/km (20 °C)
	Single wire Ø (core)	0.1 mm

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: 2022-12-29



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Construction (core)	18× 0.1 mm (multi-strand wire class 6)
Diameter (core)	12× 0.14 mm²
AWG	similar to AWG 26
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.0 mm ±5%
Color/numbering of wires	br, rd, gr, bk, ye, pk, gn, wh, bl, rdbl, grpk, vi
Stranding combination	Twisted wires rdbl, grpk and vi, over it all other wires are twisted
Shield	yes
Shield (Type)	Copper braid
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	6.5 mm ±5%
Color (jacket)	black
Cable print	-
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2000 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 (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²
Torsion stress	±30°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Product article number of manufacturer	7000-53301-7060060
Cable length	0,6 m