

M8 male 0° / M12 female 90° A-cod.

PVC 4x0.25 bk UL/CSA 1m

Male straight - female 90° M8 - M12, 4-pole M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

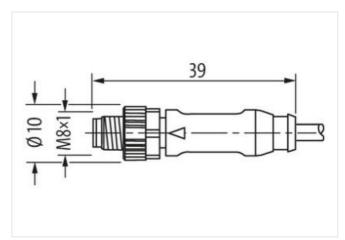
Plastic housings with good resistance against chemicals and oils.

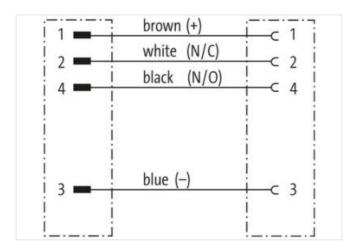
The resistance to aggressive media should be individually tested for your application. Further details on request.

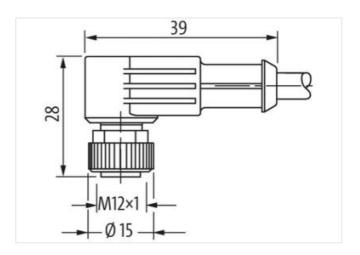
Link to Product

Illustration



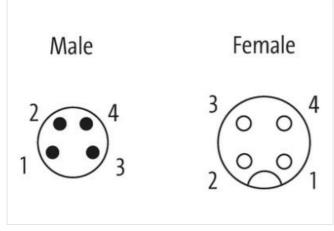








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Product may differ from Image









* only for products with UL/CSA approved cable

Material group IEC 60664-1, category I Coding A-coded LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4 × 0.25 mm²	Form	
Operating voltage 50 V AC/60 V DC Operating voltage (only UL listed) 30 V AC/DC Rated surge voltage 1.5 kV Operating current per contact max. 4 A No. of poles 4-pole Material group IEC 60664-1, category I Coding A-coded LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Locking material Zinc die casting, mate nickel plated suitable for corrugated tube (internal Ø) M8 (SW9), M12 (SW13) General data W8 (SW9), M12 (SW13) General data BIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, (ightened Material (contact) Copper alloy Material (contact surface) Au Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables (pp	Form	88271
Operating voltage (only UL listed) 30 V AC/DC Rated surge voltage 1.5 kW Operating current per contact max. 4 A No. of poles 4-pole Material group IEC 60664-1, category I Coding A-coded LED display no Lebdisplay no Locking of ports Screw thread (M8/M12-1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables 4.8 mm ±5	Technical Data	
Rated surge voltage	Operating voltage	50 V AC/60 V DC
Operating current per contact max. 4 A No. of poles 4-pole Material group IEC 60664-1, category I Coding A-coded LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data JIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611	Operating voltage (only UL listed)	30 V AC/DC
No. of poles 4-pole Material group IEC 60664-1, category I Coding A-coded LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact surface) Au Material (agasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable identification UL (AWM-Style 2464/1731), CSA	Rated surge voltage	1.5 kV
Material group IEC 60664-1, category I Coding A-coded LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Collameter of wires 4 × 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable Identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Operating current per contact	max. 4 A
Coding A-coded LED display no Locking of ports Screw thread (M6/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) 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 Wife isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable identification 611 Cable identification 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	No. of poles	4-pole
LED display no Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Wire isolation 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Material group	IEC 60664-1, category I
Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing 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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) 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 No./diameter of wires 4 × 0.25 mm² Wire isolation PVC (br., wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	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) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	LED display	no
Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4 × 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Locking of ports	Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing
Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) 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 No./diameter of wires 4x 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø) M12 (10 mm); M8 (6.5 mm) Compression gland M8 (SW9), M12 (SW13) General data Bunk 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Vo./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Material	PUR
Compression gland M8 (SW9), M12 (SW13) General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Vo./diameter of wires 4 × 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Locking material	Zinc die casting, matte nickel plated
General data Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	suitable for corrugated tube (internal Ø)	M12 (10 mm); M8 (6.5 mm)
Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4 × 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Compression gland	M8 (SW9), M12 (SW13)
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 No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	General data	
Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Standards	DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)
Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Mounting method	inserted, tightened
Material (gasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Material (contact)	Copper alloy
Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Material (contact surface)	Au
Temperature range -25+85 °C, depending on cable quality Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Material (gasket)	FKM
Cables No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Pollution Degree	3
No./diameter of wires 4× 0.25 mm² Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Temperature range	-25+85 °C, depending on cable quality
Wire isolation PVC (br, wh, bl, bk) Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Cables	
Outer Ø 4.8 mm ±5% Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	No./diameter of wires	$4 \times 0.25 \text{ mm}^2$
Cable identification 611 Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Wire isolation	PVC (br, wh, bl, bk)
Cable Type 1 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA	Outer Ø	4.8 mm ±5%
Approval (cable) UL (AWM-Style 2464/1731), CSA	Cable identification	611
	Cable Type	1 (PVC)
Cable weight [g/m] 34,76 g	Approval (cable)	UL (AWM-Style 2464/1731), CSA
	Cable weight [g/m]	34,76 g

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: 2022-12-30



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Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	14× 0.15 mm (multi-strand wire class 5)
Diameter (core)	4× 0.25 mm²
AWG	similar to AWG 24
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
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.8 mm ±5%
Color (jacket)	black
Jacket Color	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PVC (UL/CSA)
Product article number of manufacturer	7000-88271-6110100
Cable length	1 m