

M12 female 90° A-cod. with cable

PVC 4x0.34 gy UL/CSA 1.5m

Female 90° M12, 4-pole

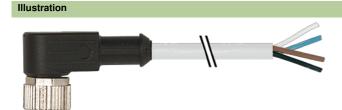
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

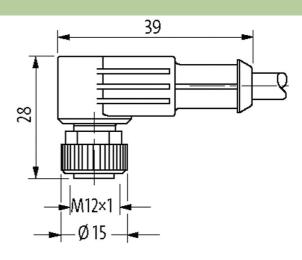
with cable sleeves

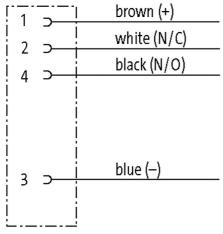
Plastic housings with good resistance against chemicals and oils.

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

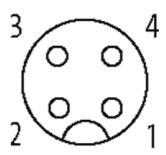
Link to Product







Female



Product may differ from Image



* only for products with UL/CSA approved cable

Form

12341 Form

Technical Data

Operating voltage max. 250 V AC/DC

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



stay connected

Spreading current port contact max. 4 A	Operating voltage (only UL listed)	max. 30 V AC/DC
Related surgoup		
Mesteral group		
Coding		
Locking of ports		
Compression grand		
Protection PR6. PR6K PR7 inserted and tightered (EN 60529)		· · · · · · · · · · · · · · · · · · ·
Locking material Zinc die casting, matte nickel plated Material wurde for compated tube (internal Ø) 10 mm General date Standards DIN EN 61076-2-101 (M12) Mounting method inserted, lightened Material (contact) Copper alloy Material (contact surface) Au Material (contact surface) Au Material (gasket) FKM Follution Degree 3 Stipping length (lacket) 20 mm Temperature range 25x85 °C, depending on cable quality Cables Cables Cable (and fill of the fill of t		
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Standards	suitable for corrugated tube (internal \emptyset)	
Mounting method inserted, lightened Material (contact (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Stripping length (facket) 20 mm Temperature range 25485 °C, depending on cable quality Cable Cable Cable identification 214 Cable identification 214 (PVC) Approval (cable) UL (AWM-Style 2464/1731), CSA Cable weight (gm) 40,70 Material (wife) Cu wire, bare Resistor (core) max. 60 03km (20 °C) Single wire 30 (core) 0.15 mm Construction (core) 19 x 0.15 mm (multi-strand wire class 5) Diamotor (core) 4 x 0.34 mm² AWG similar to AWG 22 Material (wire solation) PVC Material property (wire isolation) PVC Wire-2 (m.l. isolation 1.25 mm ±5% Color/numbering of wires br. br. bl. wh Strianding combination 4 wires twisted Sheld no <	General data	
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Stripping length (jacket) 20 mm Cables -25+85 °C, depending on cable quality Cable identification 214 Cable (Abertification) 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 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 4x 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Wire Ø Incl. isolation CFC, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ±5 D Wire Ø Incl. isolation 1.25 mm ±5% Cotor/inumbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shore hardness (jacket) DF Shore hardness (jacket) 65 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Cotor (jacket) 90 c Material (jacket) PVC Material (jack	Pollution Degree	3
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Cable identification 214 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 0/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19x 0.15 mm (multi-strand wire class 5) Diameter (core) 4x 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 45 ± 5 D Wire-Ø incl. isolation 1,25 mm ±5% Color/mumbering of wires br. bk, bl, wh Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) gs Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) gray Color (jacket) gray Color (jacket)	Temperature range	-25+85 °C, depending on cable quality
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Cable weight [g/m] 40,70 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 property (jacket) PVC Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Cuter-Ø (jacket) 5.0 mm ±5% Color (jacket) gray 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 <	Cable Type	1 (PVC)
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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 Shied no 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) gray 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 Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Material (wire isolation)	PVC
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) 5.0 mm ±5% Color (jacket) gray 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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
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) 5.0 mm ±5% Color (jacket) gray 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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Shore hardness (wire isolation)	45 ±5 D
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) 5.0 mm ±5% Color (jacket) gray 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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no 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) gray 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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Color/numbering of wires	br, bk, bl, wh
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Shore hardness (jacket) 85 ± 5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray 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 (mobile) 5× outer Ø Bend radius (moving) 10× outer Ø	Material (jacket)	PVC
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Color (jacket) gray 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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Shore hardness (jacket)	85 ±5 A
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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Outer-Ø (jacket)	5.0 mm ±5%
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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Color (jacket)	
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 (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	chemical resistance	good resistance to oil, gasoline and chemicals
Test voltage 2000 V AC 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	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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	Nominal voltage	UL 300 V AC
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Test voltage	2000 V AC
Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed) 5× outer Ø Bend radius (moving) 10× outer Ø	Temperature range (fixed)	-30+80 °C
Bend radius (moving) 10× outer Ø	Temperature range (mobile)	-5+80 °C
	Bend radius (fixed)	5× outer Ø
No./diameter of wires $4 \times 0.34 \text{ mm}^2$	Bend radius (moving)	10× outer Ø
	No./diameter of wires	4× 0.34 mm²

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



Wire isolation	PVC (br, wh, bl, bk)
Jacket Color	gray
Material (jacket)	PVC (UL/CSA)
Outer Ø	5.0 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879207324
eClass	27279218
Packaging unit	1