

M12 FEMALE 90° LED

PVC 3X0.34 GRAY, UL/CSA 15m

Female 90° M12, 3-pole

2× LED (PNP)

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

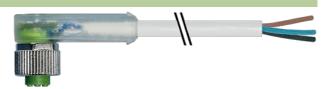
Plastic housings with good resistance against chemicals and oils.

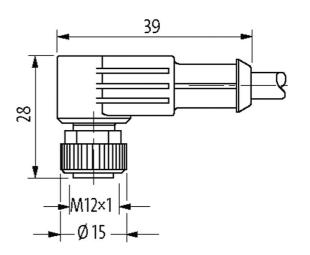
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

Illustration





Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

cCSAus

Form	
Form	12381
Technical Data	
Operating voltage	24 V DC ±25%
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	(yellow/green)

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



stay connected

Procession gland	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Projection IP95, PR96K, PR57 invorted and tigntened (EN 00529) Locking material Zinc die cesting, mater nickel plated Material PUR suitable for comugated ubbe (internal 6) 10 mm General dist Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (contact) Au Material (pasked) FM6 Pollutal plagewell KM6 Pollutal plagewell 20 mm Temperature range 25 – 38 °C, depending on cable quality Cables No. diameter of viries 3 × 0.34 mm² No. diameter of viries 3 × 0.34 mm² No. diameter of viries No. diameter of viries 3 × 0.34 mm² No. diameter of viries William (globel) PVG (tr. vl. vl.) No. diameter of viries Band and us (moving) 10 × outer 0 No. diameter of viries Bend and us (moving) 10 × outer 0 No. diameter of viries Bend and us (moving) 1, viries (viries) No. diameter of viries Bend and us (moving)<		
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Diameter (core) 3 × 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 Stranding combination 3 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) 4.6 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	Single wire Ø (core)	0.15 mm
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 Stranding combination 3 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) 4.6 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	Construction (core)	19× 0.15 mm (multi-strand wire class 5)
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 Stranding combination 3 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) 4.6 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	Diameter (core)	3× 0.34 mm²
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 Stranding combination 3 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) 4.6 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	AWG	similar to AWG 22
Shore hardness (wire isolation) Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 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) 4.6 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	Material (wire isolation)	PVC
Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 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) 4.6 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	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires br, bk, bl Stranding combination 3 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) 4.6 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	Shore hardness (wire isolation)	45 ±5 D
Stranding combination 3 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) 4.6 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	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) 4.6 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	Color/numbering of wires	br, bk, bl
Material (jacket) Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 4.6 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	Stranding combination	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) 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	Shield	no
Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 4.6 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	Material (jacket)	PVC
Outer-Ø (jacket) 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	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
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	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	Outer-Ø (jacket)	4.6 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1 Nominal voltage UL 300 V AC	Color (jacket)	gray
Nominal voltage UL 300 V AC	chemical resistance	good resistance to oil, gasoline and chemicals
	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Test voltage 2000 V AC	Nominal voltage	UL 300 V AC
	Test voltage	2000 V AC

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

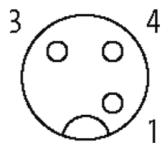


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Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	gray
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879204996
eClass	27279218
Packaging unit	1
Sketch	

brown (+) 4 > black (N/O) green green blue (-)

Female



Product may differ from Image