

M12 male 0° / M12 female 0° A-cod.

PVC 8x0.25 gy UL/CSA 3m

Male straight – female straight

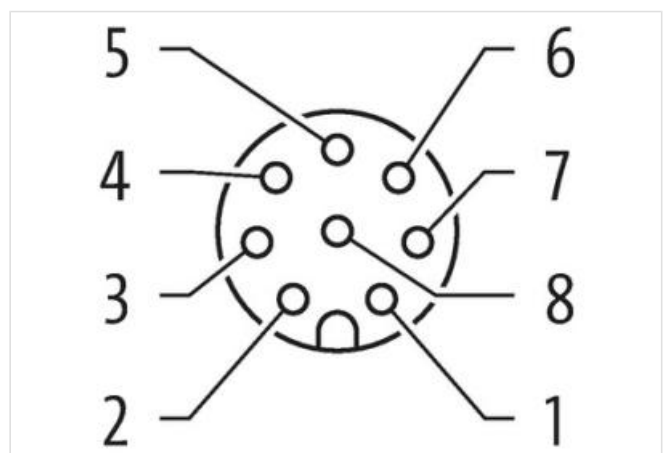
M12 – M12, 8-pole

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

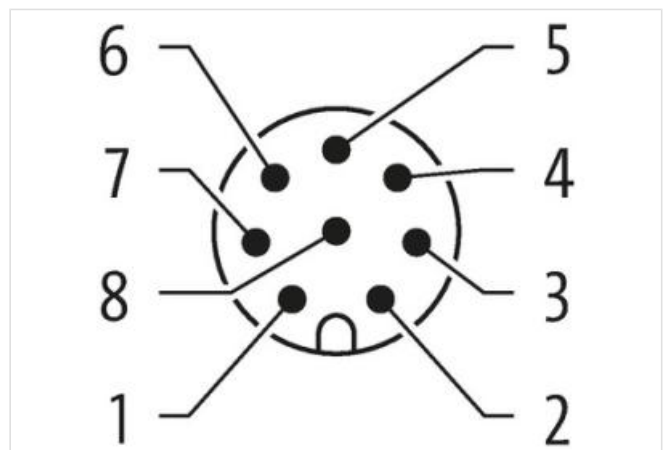
Plastic housings with good resistance against chemicals and oils.

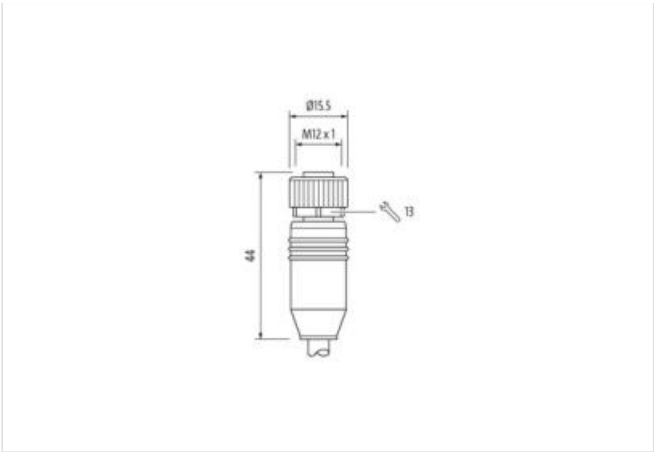
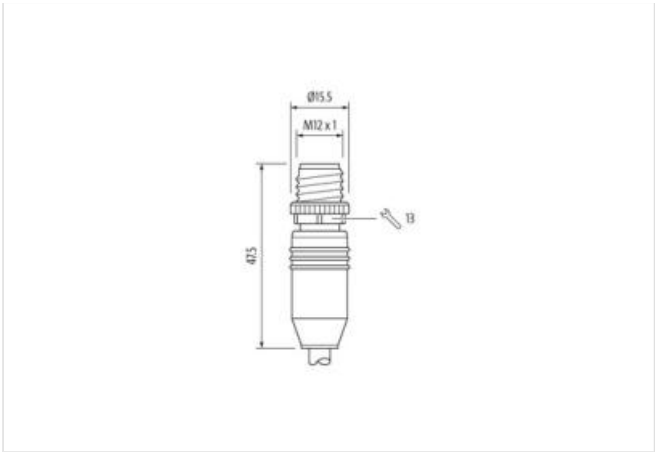
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link naar het product](#)**Afbeelding**

1	BN	1
2	WH	2
3	BU	3
4	BK	4
5	GY	5
6	PK	6
7	VT	7
8	OG	8





Product van afwijken van afbeelding



Cable length	3 m
Side 1	
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Material contact	Copper alloy
No. of poles	8
Side 2	
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Material contact	Copper alloy
No. of poles	8
Commerciële gegevens	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
Douane tarief nummer	85444290
GTIN	4065909059821
Verpakkingseenheid	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Device protection Electrical	
Pollution Degree	3

Rated surge voltage	0,8 kV
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Material group (IEC 60664-1)	I
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Installation | Cable

wire arrangement	brown, orange, violet, pink, gray, black, blue, white
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Cable identification	208
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Cable Type	1
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Jacket Color	gray
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	8 wires around Core filler twisted
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Filler	yes
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wire arrangement	brown, orange, violet, pink, gray, black, blue, white
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Cable weight	58,3 g/m
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Material jacket	PVC
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Shore hardness jacket	85 ± 5 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Outer-diameter (jacket)	6 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PVC
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Amount wires	8
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Outer diameter insulation	1,2 mm
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Outer diameter tolerance core insulation	± 5 %
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Shore hardness wire insulation	45 ± 5 Shore D
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Material properties wire insulation	good machinability
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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Amount strands (wire)	32
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Diameter of single wires	0,1 mm
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Conductor crosssection (wire)	0,25 mm²
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Material conductor wire	Stranded copper wire, bare
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Conductor type (wire)	strand class 6
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Nominal voltage AC max.	300 V
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Current load capacity (standard)	to DIN VDE 0298-4
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Current load capacity min. wire	3 A
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Electrical resistance line constant wire	79 Ω/km @ 20 °C
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AC withstand voltage (wire - wire)	2 kV @ 60 s
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Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
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Min. operating temperature (static)	-30 °C
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Max. operating temperature (fixed)	80 °C
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Operating temperature min. (dynamic)	-5 °C
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Operating temperature max. (dynamic)	80 °C
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Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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chemical resistance	Good, application-related testing
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Gasoline resistance	Good, application-related testing
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Oil resistance	Good, application-related testing DIN EN 60811-404
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Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter