

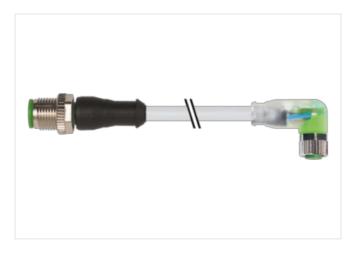
## M12 male 0° / M8 female 90° A-cod. LED

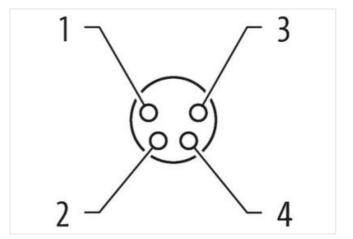
PUR 4x0.25 gy UL/CSA+drag ch. 1.5m

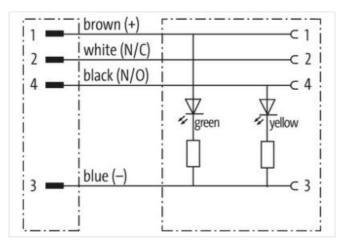
Male straight – female 90° M12 – M8, 4-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

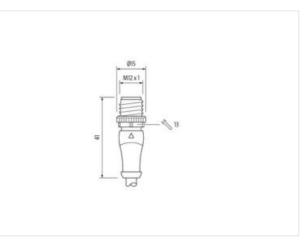
## Link to Product

Illustration



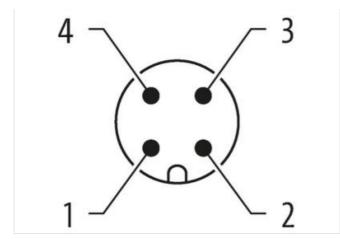


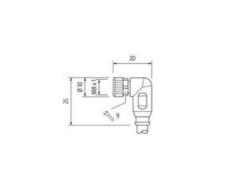




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Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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
customs tariff number	85444290
GTIN	4048879661751
Packaging unit	1

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## Electrical data | Supply

24 V
18 V
30 V
30 V
4 A
green, yellow
inserted, screwed
3
0,8 kV
Nickeled
nickel plated
Zinc die-casting
Zinc die-casting
inserted, screwed, Shaking protection
inserted, screwed, Shaking protection
-25 °C
-25°C
depending on cable quality
DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
231
3
gray
cURus
1
4 wires twisted
brown, black, blue, white
10 Mio. @ 25 °C
33 g/m
33 g/m PUR
33 g/m PUR 90 ± 5 Shore A
33 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   32
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   32   0,1 mm
33 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   32

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Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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