

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

PUR 4x0.34 bk UL/CSA+drag ch. 0.3m

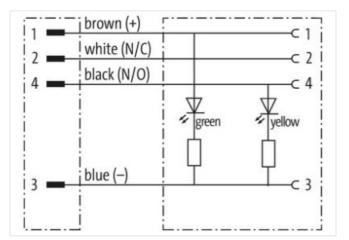
Male straight – female straight M12 – M12, 4-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

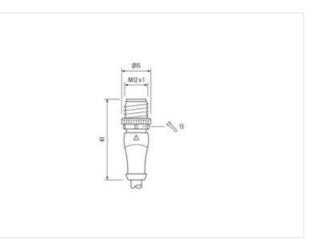
## Link to Product

Illustration



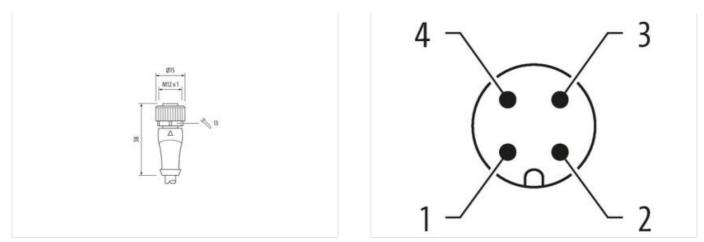






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Product may differ from Image



Cable length	0,3 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)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material	PUR
Width across flats	SW13
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	4048879551984
Packaging unit	1

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## Electrical data | Supply

24 V
18 V
30 V
30 V
4 A
green, yellow
M12 x 1
inserted, screwed
3
0,8 kV
Nickeled
nickel plated
Zinc die-casting
Zinc die-casting
inserted, screwed, Shaking protection
-25 °C
85 °C
depending on cable quality
depending on cable quality
depending on cable quality DIN EN 61076-2-101 (M12)
DIN EN 61076-2-101 (M12)
DIN EN 61076-2-101 (M12) 634 3 black
DIN EN 61076-2-101 (M12) 634 3
DIN EN 61076-2-101 (M12) 634 3 black
DIN EN 61076-2-101 (M12) 634 3 black cURus
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
DIN EN 61076-2-101 (M12) 634 3 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 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
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 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 %
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 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
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 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
DIN EN 61076-2-101 (M12)   634   3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 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

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Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
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	4,8 A
Electrical resistance line constant wire	57 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   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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