

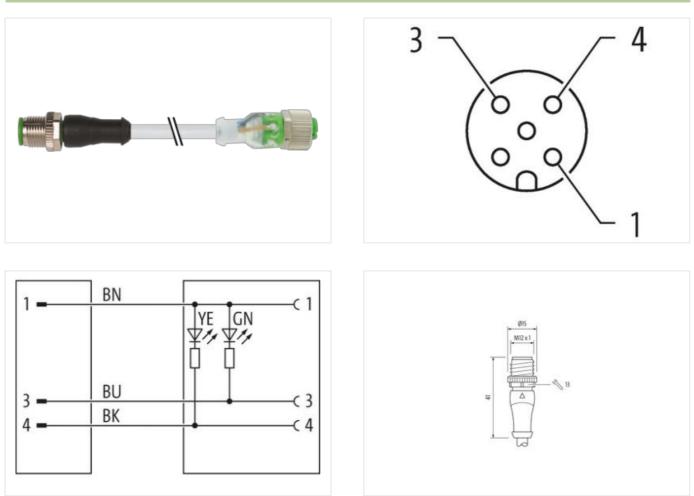
## M12 male 0° / M12 female 0° A-cod. LED

PUR 3x0.34 gy UL/CSA+drag ch. 2m

Male straight – female straight M12 – M12, 3-pole LED (yellow/green) 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

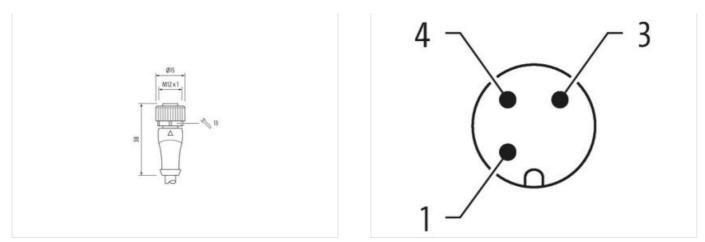




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Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
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

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ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879432665
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V 30 V
Operating voltage DC max. Operating voltage DC max. (UL-listed)	
Current operating per contact max.	30 V 4 A
	4 A
Diagnostics	
Status indication LED	green, yellow
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Installation   Cable Cable identification	233
Installation   Cable Cable identification Cable Type	233 3
Installation   Cable Cable identification Cable Type Jacket Color	233 3 gray
Installation   Cable   Cable identification   Cable Type   Jacket Color   Type of Certificate	233 3 gray cURus
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding	233 3 gray cURus 1
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding	233 3 gray cURus 1 3 wires twisted
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement	233 3 gray cURus 1 3 wires twisted brown, black, blue
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)	233 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)     Cable weigth	233 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)     Cable weigth     Material jacket	233 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)     Cable weigth     Material jacket     Shore hardness jacket	233     3     gray     cURus     1     3 wires twisted     brown, black, blue     10 Mio. @ 25 °C     29,7 g/m     PUR     90 ± 5 Shore A
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)	233     3     gray     cURus     1     3 wires twisted     brown, black, blue     10 Mio. @ 25 °C     29,7 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Installation   Cable     Cable identification     Cable Type     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     No. of bending cycles (C-track)     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)     Outer-diameter (jacket)	233     3     gray     cURus     1     3 wires twisted     brown, black, blue     10 Mio. @ 25 °C     29,7 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     4,1 mm
Installation   CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)	233     3     gray     cURus     1     3 wires twisted     brown, black, blue     10 Mio. @ 25 °C     29,7 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     4,1 mm     ± 5 %
Installation   CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)	233     3     gray     cURus     1     3 wires twisted     brown, black, blue     10 Mio. @ 25 °C     29,7 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     4,1 mm

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Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
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	6 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
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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