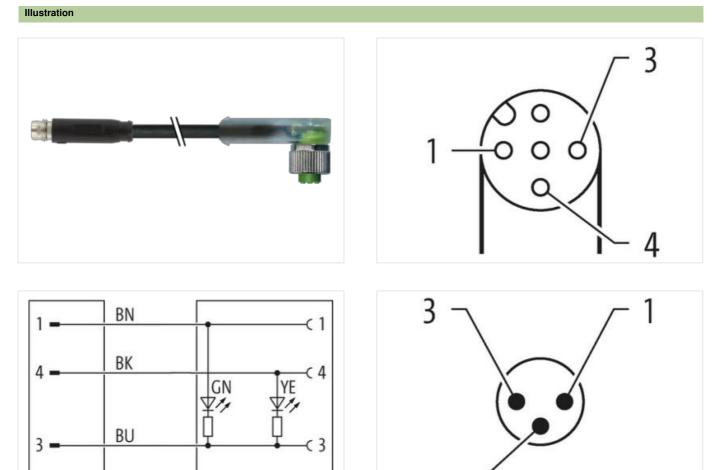


M8 male 0° snap-in/M12 fem. 90° A-cod.screw-in LED

PUR 3x0.25 bk UL/CSA+robot+drag ch. 0.3m

Male straight – female 90° M8 (Snap In) – M12, 3-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths 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.

Link to Product



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Product may differ from Image



Family construction form M8 Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Degree of protection (EN IEC 60529) IP65 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed, Shaking protection Family construction form M12 Triead M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Electrical data Supply Uperating voltage DC Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnostics Status indication LED Status indication LED green, yellow Device protection [Electrical 9 Polution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Material group (IEC 60664-1) 1	Cable length	0,3 m
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Diagnostics Status indication LED green, yellow Device protection Electrical Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated	Operating voltage DC max. (UL-listed)	30 V
Status indication LED green, yellow Device protection Electrical 3 Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data safe-cover coated	Current operating per contact max.	4 A
Device protection Electrical Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Safe-cover coated Coating locking safe-cover coated	Diagnostics	
Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking safe-cover coated	Status indication LED	green, yellow
Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Safe-cover coated Coating locking Safe-cover coated	Device protection Electrical	
Material group (IEC 60664-1) I Mechanical data Material data Coating locking safe-cover coated	Pollution Degree	3
Mechanical data Material data Coating locking safe-cover coated	Rated surge voltage	0,8 kV
Coating locking safe-cover coated	Material group (IEC 60664-1)	I
	Mechanical data Material data	
Material housing PUR	Coating locking	safe-cover coated
	Material housing	PUR

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Locking material	Zinc die-casting
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	650
Cable Type	5
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing

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Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min
Commercial data	
customs tariff number	85444290
Packaging unit	1

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