

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

PUR 3x0.25 bk UL/CSA 2m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female 90°

M8 - M12, 3-pole

2× LED (PNP), (NPN) on request

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

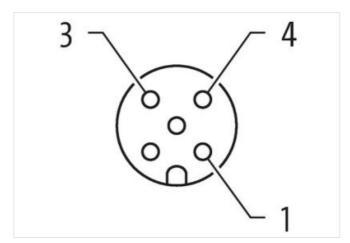
Plastic housings with good resistance against chemicals and oils.

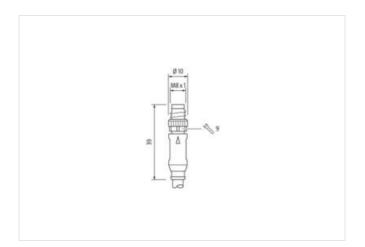
The resistance to aggressive media should be individually tested for your application. Further details on request.

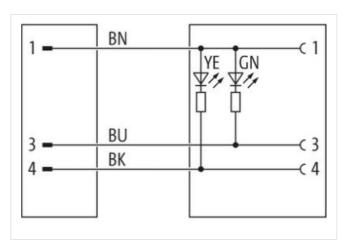
Link to Product

Illustration



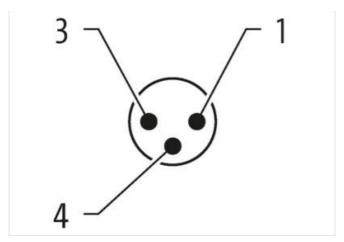


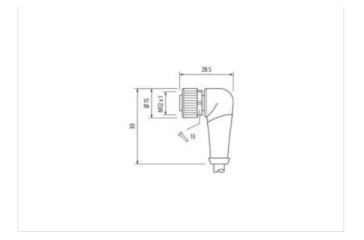






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Product may differ from Image











Cable length	2 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
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 Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
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



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Section Sect	ETIM-5.0	EC001855
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Electrical data Supply		
Part		
Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Operating voltage DC max. 4 A Disposition ************************************		'
Spending voltage DC min. 16 V	Electrical data Supply	
Operating voltage D C max	Operating voltage DC	24 V
Operating voltage DC max, (UL-listed) 30 V Current operating per contact max. 4 A Palagnostics Status indication LED green, yellow Device protection Electrical Degree of protection (EN ILC 6082) P65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Read Surge voltage 0,8 kV Material group (IEC 60864-1) 1 Mechanical data Material data Coating locking Nickeled Material group (IEC 60864-1) 1 Mechanical data Material data Coating locking Nickeled Material prosenty EVR Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Conditional condition temperature max. 25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable individual production 820 Cable Type 2 Jacket Color Datack Wrow arrangement Drown, black, blue Wro arrangement Drown, black, blue Material wire included (jacket) 4,3 mm Tolerance outer climater (jacket) 4,3 mm Tolerance outer climater (seketh) 4,5 mm Couter diameter (includition PC Couter diameter (includition 1,25 mm Couter diameter tolerance core insulation 1,25 mm Couter diameter tolerance core insulation 1,25 mm		
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Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 43 ± 5 Shore D	Outer diameter tolerance core insulation	
	Shore hardness wire insulation	43 ± 5 Shore D

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter