

M12 female 90° A-cod. with cable LED

PUR 3x0.34 gy UL/CSA+drag ch. 7.5m

Female 90° M12, 4-pole 2× LED (PNP) bridged

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

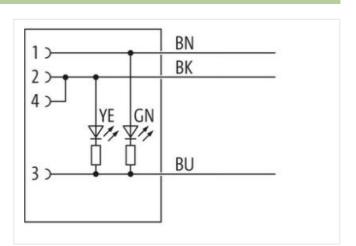
Plastic housings with good resistance against chemicals and oils.

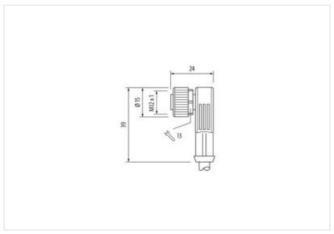
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

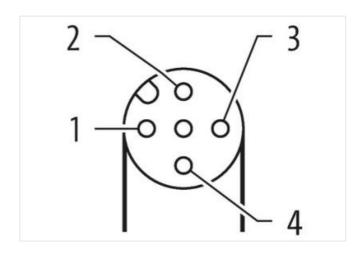
Link to Product

Illustration









Product may differ from Image











Cable length

7,5 m

Side 1



Part	Tightening torque	0,6 Nm
Mile	Mounting method	inserted, screwed
Material PUR Midital arrows falls SV13 PUR Midital arrows falls SV13 PUR Midital arrows falls SV13 PUR PUR Midital arrows falls SV13 PUR	Family construction form	M12
Melerial PUR Withlandres PUR Withlandres SW13	Thread	M12 x 1
Wide across fats SW13 Pegre of protection (PIEC 60529) PES, IP6K, IP67	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529)	Material	PUR
Commercial data	Width across flats	SW13
CLASS 6.0 27279218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1 27279218 CLASS-7.0 27279218 CLASS-9.0 27060311 CLASS-9.0 27060311 CLASS-10.1 27060311 CLASS-10.1 27060311 CLASS-10.1 27060311 CLASS-10.0 ECO01855 usitions tariff number 8544290 STIN 4048379203876 Fackaging unit 1 Electrical data Suppty Operating voltage DC 24 V Operating voltage DC 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage Composer operating voltage (UL-listed) 30 V Operating temperature max. 85 °C Additional condition temperature range (Operating voltage) on cable quality Important installation notes	Commercial data	
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ETIM-5.0 EC001855 sustoms tariff number 85444290 35TIN 4048879203876 **ackaging unit 1 **Electrical data Supply **Deparating voltage DC 24 V **Operating voltage DC min. 18 V **Operating voltage DC min. 30 V **Deparating voltage DC max. (UL-listed) 30 V **Deparating voltage DC max. (UL-listed) 30 V **Durrent operating per contact max. 4 A **Diagnostics** Status indication LED green, yellow **Installation Connection **Wounting set M12 x 1 **Device protection Electrical **Additional condition protection degree inserted, screwed **Pollution Begree 3 **Aeter surge voltage a 0,8 kV **Material group (IEC 60664-1) 1 **Mechanical data Material data **Coating of fitting nickel plated **Coating of fitting nickel plated **Wounting method inserted, screwed, Shaking protection **Mechanical data Mounting data **Wounting method inserted, screwed, Shaking protection **Environmental characteristics Climatic **Deparating temperature min25 °C **Operating temperature mage depending on cable quality **Important installation notes **Total Control on temperature mage depending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, states and screw connection temperature mage depending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature mage in serted, screwed, spending on cable quality **Important installation notes **Total Control on temperature	ECLASS-11.1	27060311
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Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C
Important installation notes	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.



stay connected

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.

	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	233
Cable Type	3
Jacket Color	
	gray
Type of Certificate Amount stranding	1
	3 wires twisted
Stranding	brown, black, blue
wire arrangement	
Cable weigth	29,7 g/m PUR
Material jacket Shore hardness jacket	90 ± 5 Shore A
·	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) Tolorance outer diameter (sheath)	4,1 mm + 5 °/
Tolerance outer diameter (sheath) Material wire insulation	± 5 % PP
	3
Amount wires Outer diameter insulation	1,25 mm
Outer diameter insulation 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
	42
Amount strands (wire) Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
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
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
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min