

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

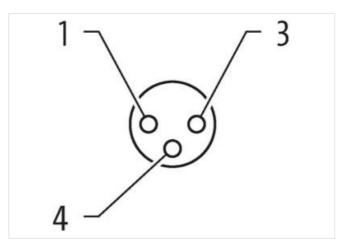
PUR 3x0.25 ye UL/CSA 1.5m

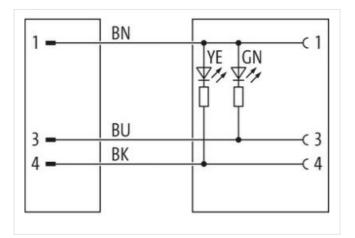
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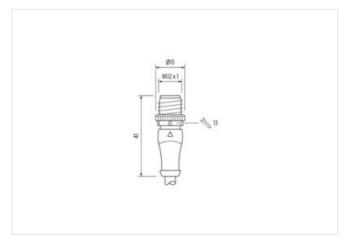
Male straight – female 90° M12 – M8, 3-pole LED (yellow/green) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



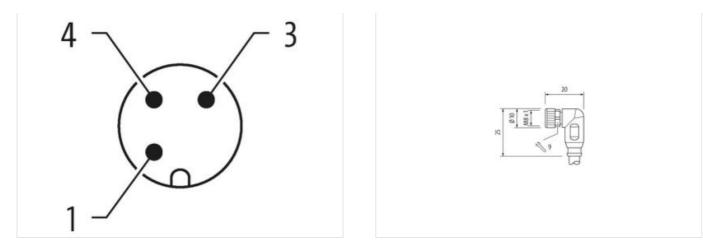






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Product may differ from Image



1,5 m
0,6 Nm
inserted, screwed
gold plated
M12
M12 x 1
10 mm
Copper alloy
PUR
3
SW13
IP66K, IP67
0,4 Nm
inserted, screwed
gold plated
M8
M8 x 1
6,5 mm
Copper alloy
PUR
3
SW9
IP66K, IP67
27279218
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27279218
27279218
27060311
27060311

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ECLASS-11.1	27060311		
ECLASS-12.0	27060311		
ETIM-5.0	EC001855		
customs tariff number	85444290		
GTIN	4048879159982		
Packaging unit	1		
Electrical data   Supply			
Operating voltage DC	24 V		
Operating voltage DC min.	18 V		
Operating voltage DC max.	30 V		
Operating voltage DC max. (UL-listed)	30 V		
Current operating per contact max.	4 A		
Current consumption max.	5 mA		
Diagnostics			
Status indication LED	green, yellow		
Device protection   Electrical			
Additional condition protection degree	inserted, screwed		
Pollution Degree	3		
Rated surge voltage	0.8 kV		
Material group (IEC 60664-1)			
Mechanical data   Material data			
	Nicholad		
Coating locking	Nickeled		
Coating of fitting	nickel plated FKM		
Material gasket			
Locking material Material screw connection	Zinc die-casting Zinc die-casting		
Mechanical data   Mounting data	incented exercuted Chalking protection		
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), DIN EN 61076-2-114 (M8)		
Installation   Cable			
Cable identification	020		
Cable Type	2		
Jacket Color	yellow		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	3 wires twisted		
wire arrangement	brown, black, blue		
Cable weigth	26,62 g/m		
Material jacket	PUR		
Shore hardness jacket	85 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free		
Outer-diameter (jacket)	4,3 mm		
Tolerance outer diameter (sheath)	± 5 %		
Material wire insulation	PVC		
Amount wires	3		
Outer diameter insulation	1,25 mm		
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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
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 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 Mio. @ 25 °C
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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

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