

## M12 female 90° A-cod. with cable LED

PUR 5x0.34 gy UL/CSA 20m

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

Female 90° M12, 5-pole 3× LED (PNP)

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

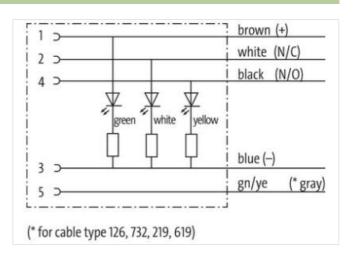
Plastic housings with good resistance against chemicals and oils.

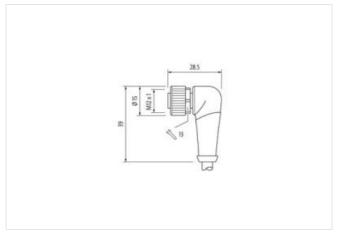
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

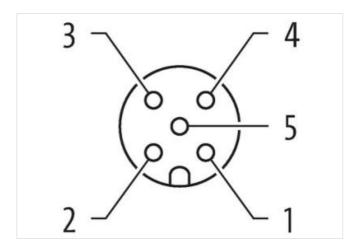
## **Link to Product**

## Illustration









Product may differ from Image













stay	connec	cted

Cable length	20 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879202213
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
Diagnostics	
Status indication LED	green, white, 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)	I
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
	· -



stay connected

Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Cable		
Cable identification	225	
Cable Type	2 (PUR/PVC)	
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform	
Cable weight [g/m]	54,78 g	
Material wire	Cu wire, bare	
Resistor (core)	max. 57 Ω/km (20 °C)	
Single wire Ø (core)	0.1 mm	
Construction (core)	42× 0.1 mm (multi-strand wire class 6)	
Diameter (core)	5× 0.34 mm²	
AWG	similar to AWG 22	
Material wire isolation	PVC	
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free	
Shore hardness wire isolation	43 ±5 D	
Wire-Ø incl. isolation	1.25 mm ±5%	
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped	
Stranding combination	5 wires twisted around central filler	
Shield	no	
Material jacket	PUR/PVC	
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant	
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)	
Outer-Ø (jacket)	5.0 mm ±5%	
Color jacket	gray	
chemical resistance	good resistance to oil, gasoline and chemicals	
Nominal voltage	UL 300 V AC	
Test voltage	2000 V AC	
Current load capacity	to DIN VDE 0298-4	
Temperature range (fixed)	-30+80 °C	
Temperature range (mobile)	-5+80 °C	
Bending radius (fixed)	10× outer Ø	
Bending radius (dynamic)	15× outer Ø	
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)	
	max. 3.3 m/s	