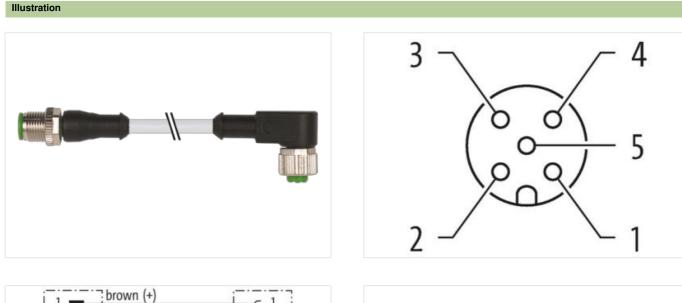


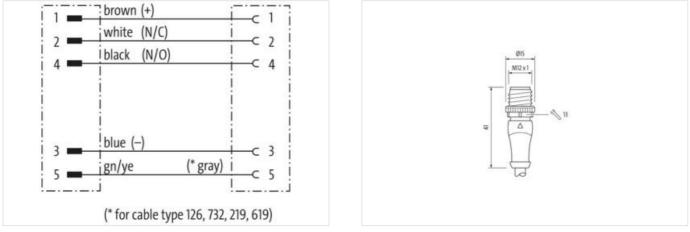
## M12 male 0° / M12 female 90° A-cod.

PUR 5x0.34 gy UL/CSA+drag ch. 3m

Male straight – female 90° M12 – M12, 5-pole 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.

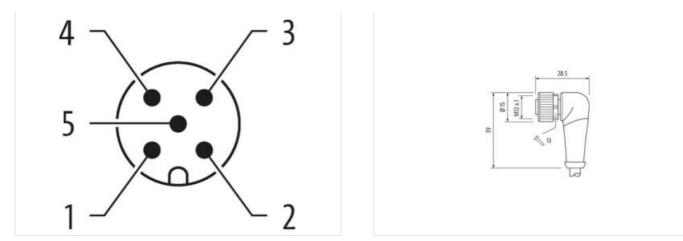
## Link to Product





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: 2024-05-15





Product may differ from Image



Cable length	3 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	Α	
Material	PUR	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
suitable for corrugated tube (internal $\emptyset$ )	10 mm	
Coding	А	
Material	PUR	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Commercial data		
ECLASS-6.0	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	4048879176637	
Packaging unit	1	
mation in this Draduat DDE has been compiled with th		

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: 2024-05-15



## Electrical data | Supply

Electrical data   Supply			
Dperating voltage AC max.	125 V		
Operating voltage DC max.	125 V		
Dperating voltage AC (UL-listed)	30 V		
Operating voltage DC (UL-listed)	30 V		
Current operating per contact max.	4 A		
Installation   Connection			
Nounting set	M12 x 1		
Device protection   Electrical			
•			
Additional condition protection degree	inserted, screwed 3		
Pollution Degree	-		
Rated surge voltage	1,5 kV		
Naterial group (IEC 60664-1)			
Mechanical data   Material data			
Coating locking	Nickeled		
Coating of fitting	nickel plated		
ocking material	Zinc die-casting		
Naterial screw connection	Zinc die-casting		
Mechanical data   Mounting data			
Nounting method	inserted, screwed, Shaking protection		
Environmental characteristics   Climatic			
Dperating temperature min.	-25 °C		
Derating temperature max.	85 °C		
additional condition temperature range	depending on cable quality		
Important installation notes			
•			
lote 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)		
Installation   Cable			
Cable identification	235		
Cable Type	3		
acket Color	gray		
ype of Certificate	cURus		
Amount stranding	1		
Stranding	5 wires around Core filler twisted		
iller	yes		
vire arrangement	brown, black, blue, white, green-yellow		
Cable weigth	41,8 g/m		
laterial jacket	PUR		
hore hardness jacket	90 ± 5 Shore A		
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Duter-diameter (jacket)	4,8 mm		
olerance outer diameter (sheath)	±5%		
Aterial wire insulation	PP		
Amount wires	5		
	1,25 mm		
Duter diameter insulation			
Duter diameter tolerance core insulation	±5%		

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: 2024-05-15



Amount strands (wire)	42	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,34 mm <sup>2</sup>	
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	4,5 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	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	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	

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: 2024-05-15