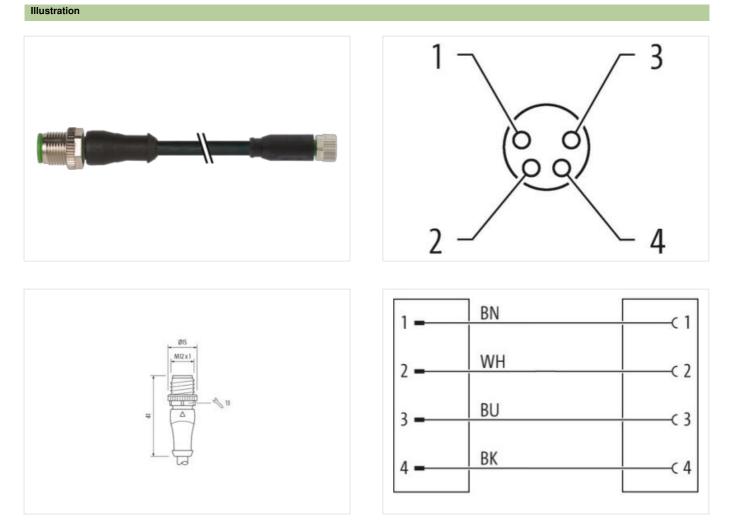


## M12 male 0° / M8 female 0° A-cod.

PUR 4x0.25 bk UL/CSA+robot+drag ch. 18.5m

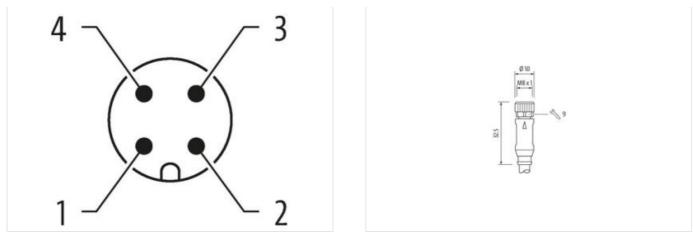
Male straight – female straight Zinc die casting, save-cover coated M12 – M8, 4-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested 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: 2024-05-18





Product may differ from Image



Cable length	18,5 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 $\emptyset$ )	10 mm
Coding	А
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Coding	А
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
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

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: 2024-05-18



ECLASS-12.0	27060311		
ETIM-5.0	EC001855		
customs tariff number	85444290		
GTIN	4048879621533		
Packaging unit	1		
Electrical data   Supply			
Operating voltage AC max.	50 V		
Operating voltage DC max.	50 V 60 V		
Operating voltage AC (UL-listed)	30 V		
Operating voltage DC (UL-listed)	30 V		
Current operating per contact max.	4 A		
Diagnostics			
Status indication LED	no		
Device protection   Electrical			
· · · · · · · · · · · · · · · · · · ·			
Additional condition protection degree	inserted, screwed		
Pollution Degree	3 1.5 kV		
Rated surge voltage Material group (IEC 60664-1)	۲) טרו 		
	•		
Mechanical data   Material data			
Coating locking	safe-cover coated		
Coating of fitting	nickel plated		
Material gasket	FKM		
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		
Important installation notes			
Note 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), DIN EN 61076-2-114 (M8)		
Installation   Cable			
Cable identification	651		
Cable Type	5		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires twisted		
wire arrangement	brown, black, blue, white		
Cable weigth	31,9 g/m		
Material jacket	PUR		
Shore hardness jacket	58 ± 3 Shore D		
Freedom from ingredients (jacket) Outer-diameter (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Tolerance outer diameter (sheath)	4,7 mm ± 5 %		
Material wire insulation	PP		

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: 2024-05-18



Amount wires	4	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	74 ± 3 Shore D	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	3,6 A	
Electrical resistance line constant wire	79 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	
UV resistance	DIN EN ISO 4892-2 A	
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)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	1 Mio.	
Torsion stress	± 360 °/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: 2024-05-18