

## M12 male recept. A-cod. front incl. nut

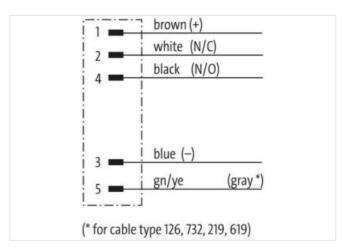
PP-wires 5x0.34 0.2m

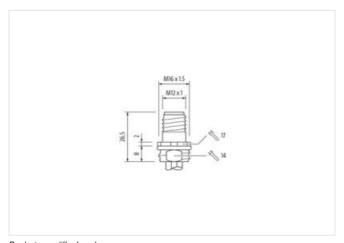
Flange male M12, 5-pole Front mounting with multi-strand wire

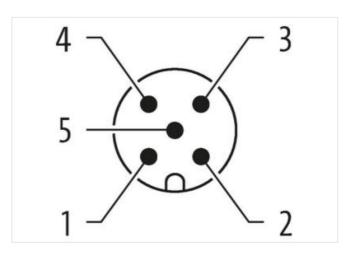
## **Link to Product**

## Illustration









Product may differ from Image











Cable length	0,2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated



M12 Family construction form Thread M12 x 1 Coding Α Material contact Copper alloy Material Zinc die-casting No. of poles 5 Degree of protection (EN IEC 60529) IP67 Coating contact gold plated Commercial data ECLASS-6.0 27279220 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879494205 Packaging unit Electrical data | Supply 125 V Operating voltage AC max. Operating voltage DC max. 125 V Current operating per contact max. 4 A **Diagnostics** Status indication LED no Installation | Connection Mounting set M16 x 1.5 SW19 Width across flats Device protection | Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data | Material data Coating housing nickel plated 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 Schraubgewinde Looking techniques Schraubgewinde Environmental characteristics | Climatic Operating temperature min. -25 °C

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: 2024-05-08



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	<b>Attention:</b> 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)	
Approvals		
UL 50E	yes	
Resistances   Cable		
Cable identification	972	
wire arrangement	brown, white, blue, black, gray	
Material wire insulation	PUR	
Amount wires	5	
Outer diameter insulation	1,3 mm	
Outer diameter tolerance core insulation	± 5 %	
Amount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm²	
Material conductor wire	copper stranded wire, tinned	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Electrical resistance line constant wire	58 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	1,5 kV	
Power frequency withstand voltage (wire - jacket)	1,5 kV	
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	90 °C	
Operating temperature min. (dynamic)	-25 °C	
Operating temperature max. (dynamic)	90 °C	
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing   DIN EN 60811-404	