

**M12 female recept. A-cod. front**

PP-wires 4x0.34 1.6m

Flange female  
M12, 4-pole  
Front mounting  
with multi-strand wire

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length	1,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwing
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Zinc die-casting
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
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	4048879451956
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	

Status indication LED no

#### Installation | Connection

Mounting set M16 x 1.5

#### Device protection | Electrical

Protection NEMA 3, 4, 6P  
 Additional condition protection degree inserted, screwed  
 Pollution Degree 3  
 Rated surge voltage 2,5 kV  
 Material group (IEC 60664-1) I

#### Mechanical data

Contour for corrugated hose without

#### Mechanical data | Material data

Coating housing nickel plated  
 Coating locking vermessingt  
 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 Schraubgewinde  
 Looking techniques Schraubgewinde

#### 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)

#### Approvals

UL 50E yes

#### Installation | Cable

Cable identification 971  
 Material wire insulation PUR  
 Amount wires 4  
 Outer diameter insulation 1,3 mm  
 Outer diameter tolerance core insulation  $\pm 5\%$   
 Conductor crosssection (wire) 0,34 mm<sup>2</sup>  
 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 DIN EN 60811-404 | Good, application-related testing  
 Bending radius (fixed) 5 x Outer diameter