

## M12 male recept. Y-cod. rear

PP-wires AWG20/26 0.2m

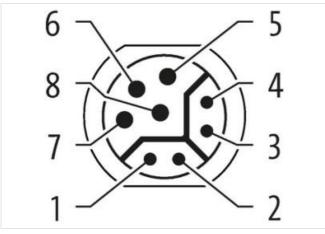
Flange male M12, 8-pole Y-coded Rear mounting with multi-strand wire

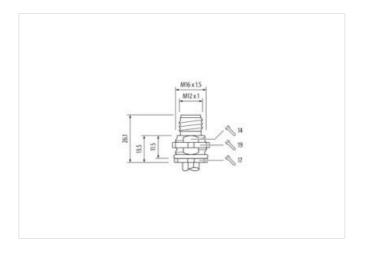
## **Link to Product**

## 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	
Coating head	nickel plated	
Family construction form	M12	
Thread	M12 x 1	
Coding	Υ	

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: 2024-05-19



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Material contact	Copper alloy
Material	Brass
Degree of protection (EN IEC 60529)	IP67
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	EC002061
customs tariff number	85444290
GTIN	4048879785006
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Operating current per data contact max.	0,5 A
Operating current per power contact max.	6 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Mounting set	M16 x 1.5
Width across flats	SW19
	OW 13
Device protection   Electrical	
Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage  Material group (IEC 60664-1)	0,8 kV
	<u>'</u>
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating housing	nickel plated
Coating locking	nickel plated
Coating of fitting	nickel plated
Locking material	Brass
Material screw connection	Brass
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.



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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

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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Approvals	
UL 50E	yes
Installation   Cable	
Cable identification	942
wire arrangement	(black, brown, white, blue), (orange-white, orange, green-white, green)
Material wire insulation	PP
Amount wires	4
Amount strands (wire)	19
Conductor crosssection (wire)	20 AWG
Amount wires (Data)	4
Amount strands wire (Data)	19
Conductor crosssection wire (Data)	26 AWG
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   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
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m