

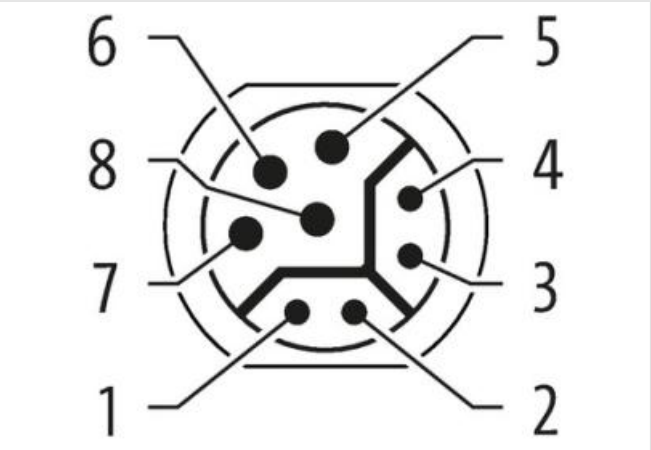
M12 male recept. Y-cod. front

PP-wires AWG20/26 0.5m

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

Link to Product

Illustration



Product may differ from Image

Cable length	0,5 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	Y

Material contact	Copper alloy
Material	Zinc die-casting
Width across flats	SW14
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	4048879820233
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating current per data contact max.	0,5 A
Operating current per power contact max.	6 A

Diagnostics

Status indication LED	no
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Installation | Connection

Mounting set	M16 x 1.5
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Device protection | Electrical

Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Coating locking	Nickel
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
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.

Approvals

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