

stay connected

M12 female 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy UL/CSA 70m

Female straight M12, 4-pole shielded

with cable sleeves

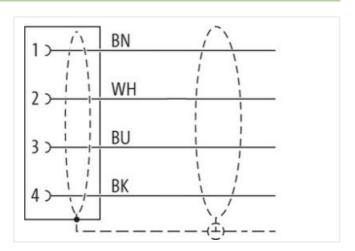
Plastic housings with good resistance against chemicals and oils.

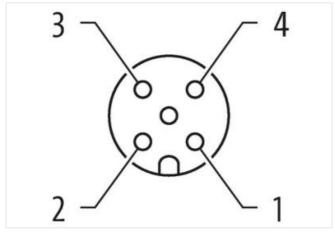
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

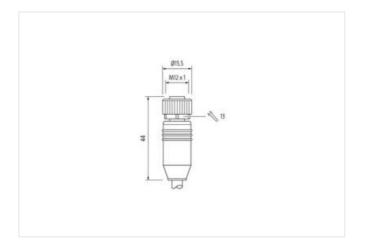
Link to Product

Illustration









Product may differ from Image













Cable length

70 m

Side 1

Tightening torque

0,6 Nm

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



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Family construction form M12 Thread M12 x 1 Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218	
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ECLASS-8.0 27279218	
ECLASS-9.0 27060311	
ECLASS-10.1 27060311	
ECLASS-11.1 27060311	
ECLASS-12.0 27060311	_
ETIM-5.0 EC001855	_
customs tariff number 85444290	
GTIN 4048879845168	
Packaging unit 1	
Electrical data Supply	
Operating voltage AC max. 60 V	
Operating voltage DC max. 60 V	
Operating voltage AC (UL-listed) 30 V	
Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Installation Connection	
Mounting set M12 x 1	
Device protection Electrical	
Additional condition protection degree inserted, screwed	
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
Mechanical data Material data	
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 inserted, screwed, Shaking protection	
Environmental characteristics Climatic	
Operating temperature min25 °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 c	cable ties.
Note on bonding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection	
endangered by excessive bending forces.	
Conformity	
Product standard DIN EN 61076-2-101 (M12)	
Installation Cable	



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Cable identification	201
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	58,3 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	10 x Outer diameter