

M12 female 0° A-cod. with cable shielded

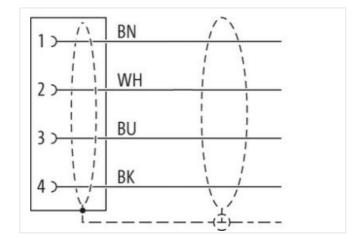
PVC 4x0.34 shielded bk UL/CSA 3m

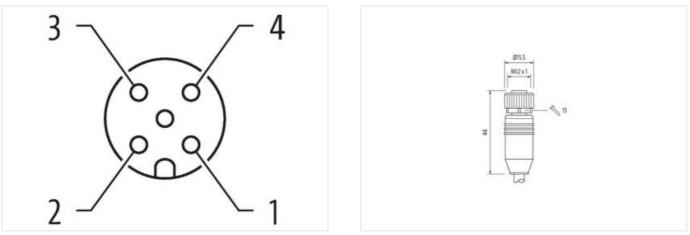
Female straight M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-05

3 m

0,6 Nm

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Family construction form Thread Coding Material Width across flats Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-8.0	M12 M12 x 1 A PUR SW13 IP65, IP66K, IP67 27061801 27279218 27279218 27279218
Coding Material Width across flats Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	A PUR SW13 IP65, IP66K, IP67 27061801 27279218 27279218
Material Width across flats Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	PUR SW13 IP65, IP66K, IP67 27061801 27279218 27279218
Width across flats Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	SW13 IP65, IP66K, IP67 27061801 27279218 27279218
Degree of protection (EN IEC 60529) Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	IP65, IP66K, IP67 27061801 27279218 27279218
Commercial data ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	27061801 27279218 27279218
ECLASS-6.0 ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4048879894302
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)	I
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 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)
Installation Cable	

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: 2024-05-05

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Cable identification

179

Jacket Color	green
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints with Filler twisted
Banding	Fleece
Filler	Yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	60,5 g/m PVC
Material jacket	-
Shore hardness jacket	92 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	6,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Characteristic impedance	100 Ω
Electrical resistance line constant wire	87 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	49000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
G () -7	

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: 2024-05-05

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk