

M12 male 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 3m

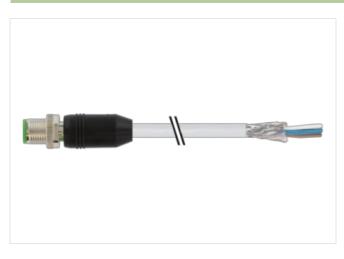
▲ NOTICE ▲

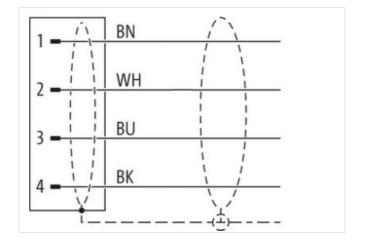
PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Male straight

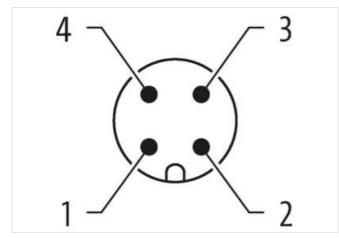
M12, 4-pole A-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



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



Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
	07070010
ECLASS-6.0	27279218
ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-8.0 ECLASS-9.0	27279218 27060311
ECLASS-9.0 ECLASS-10.1	27060311
ECLASS-10.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879522823
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
Diagnostics	
Status indication LED	no
Installation Connection	
	20 mm
	20 mm M12 x 1
Mounting set	
Mounting set Device protection Electrical	
Mounting set Device protection Electrical Additional condition protection degree	M12 x 1
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree	M12 x 1 inserted, screwed
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage	M12 x 1 inserted, screwed 3
Stripping length (jacket) Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	M12 x 1 inserted, screwed 3 1,5 kV
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	M12 x 1 inserted, screwed 3 1,5 kV
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	M12 x 1 inserted, screwed 3 1,5 kV I Nickeled
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	M12 x 1 inserted, screwed 3 1,5 kV I Nickeled nickel plated
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	M12 x 1 inserted, screwed 3 1,5 kV I Nickeled

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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	
Cable identification	335
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	4,8 A
Electrical resistance line constant wire	4,0 A 52 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
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Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing

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Oil resistance

DIN EN 60811-404 | Good, application-related testing

Bending radius (dynamic)

10 x Outer diameter