

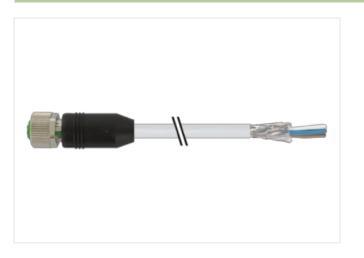
## M12 female 0° A-cod. with cable shielded

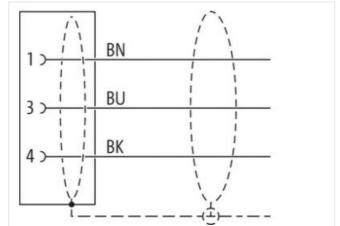
PUR 3x0.34 shielded gy UL/CSA+drag ch. 7.5m

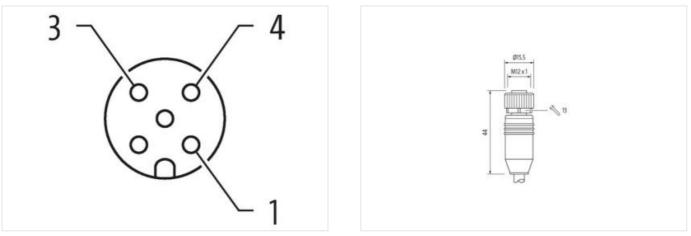
Female straight M12, 3-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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7,5 m

0,6 Nm

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CodingAMaterialPUFWidth across flatsSW7Degree of protection (EN IEC 60529)IP65Commercial dataEECLASS-6.02722ECLASS-6.12722ECLASS-6.12722ECLASS-7.02722ECLASS-8.02720ECLASS-9.02700ECLASS-10.12700ECLASS-11.12700ECLASS-12.02700ETIM-5.0ECCCcustoms tariff number8544GTIN4044Packaging unit1Electrical data   Supply0Operating voltage AC max.60 VOperating voltage DC max.60 VOperating voltage DC (UL-listed)30 VDevice protection   Electrical4 AAdditional condition protection degreeinsePollution Degree3Rated surge voltage1,5 1Material group (IEC 60664-1)1Mechanical data   Material dataKickCoating lockingNick	2 x 1 R 13 5, IP66K, IP67 79218 79218 79218 60311 60311 60311 60311 60311 001855 44290 8879811590 V
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Mechanical data   Material data           Coating locking         Nick	kV
Coating locking Nick	
Coating of fitting nick	keled
	tel plated
Locking material Zinc	c die-casting
Material screw connection Zinc	c die-casting
Mechanical data   Mounting data	
Mounting method inse	erted, screwed, Shaking protection
Environmental characteristics   Climatic	
•	•
Operating temperature min25	
Operating temperature max. 85 °	
	ending on cable quality
Important installation notes	
Note on strain relief Prot	tect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	ention: Observe the permissible bending radii when laying cables, as the IP protection class can be langered by excessive bending forces.
Conformity	
Product standard DIN	
Installation   Cable	I EN 61076-2-101 (M12)

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Cable identification	240
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	44 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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 <sup>2</sup>
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 min. wire	6 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)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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