

M12 female 0° A-cod. with cable shielded

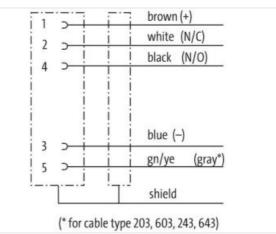
PUR 5x0.34 shielded gy UL/CSA+drag ch. 10m

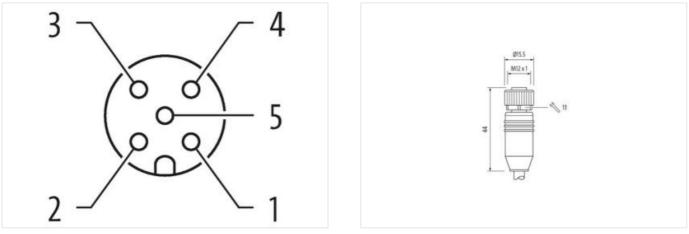
M12, 5-pole Female straight shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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10 m

0,6 Nm

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



Family construction form Thread Cable outlet Coding	M12 M12 x 1
Cable outlet	M12 x 1
Coding	straight
5	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879462457
Packaging unit	1
Electrical data Supply	
	60 V
Operating voltage AC max. 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	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	female
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	
Contour for corrugated hose	without
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	
	-25 ℃
Operating temperature min. Operating temperature max.	-25 °C 85 °C
Additional condition temperature range	depending on cable quality
Conformity mation in this Product-PDF has been compiled with the	

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Product standard

DIN EN 61076-2-101 (M12)

Installation Cable	
Cable identification 242	
Cable Type 3	
Jacket Color gray	
Type of Certificate cURus	
Amount stranding 1	
Stranding 5 wires around Core filler twister	ed
Cable shielding (type) copper braid, tinned	
Cable shielding (coverage) 80 %	
Banding Fleece, Foil	
Filler yes	
wire arrangement brown, black, blue, white, gree	n-yellow
No. of bending cycles (C-track) 5 Mio. @ 25 °C	
Cable weigth 57,2 g/m	
Material jacket PUR	
Shore hardness jacket 90 ± 5 Shore A	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-	iree, halogen-free, silicone-free
Outer-diameter (jacket) 5,6 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PP	
Amount wires 5	
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-	iree, 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	
Traversing distance (C-track) 5 m @ 25 °C horizontal	
Current load capacity (standard) to DIN VDE 0298-4	
Current load capacity min. wire 4,5 A	
Electrical resistance line constant wire 57 Ω/km @ 20 °C	
Nominal voltage power AC max. 300 V	
AC withstand voltage power (wire - shield) 2 kV @ 60 s	
Power frequency withstand voltage power 2 kV @ 60 s (wire - jacket)	
AC withstand voltage power (wire - wire) 2 kV @ 60 s	
Min. operating temperature (static) -40 °C	
Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Oper	
Operating temperature min. (dynamic) -25 °C	ation
	ation
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Oper	
Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperFlame resistanceIEC 60332-2-2 UL 1581 § 110	ation
	ation 10 FT2 UL 1581 § 1090
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