

M12 female 0° A-cod. with cable shielded

PUR 8x0.25 shielded bk UL/CSA+drag ch. 20m

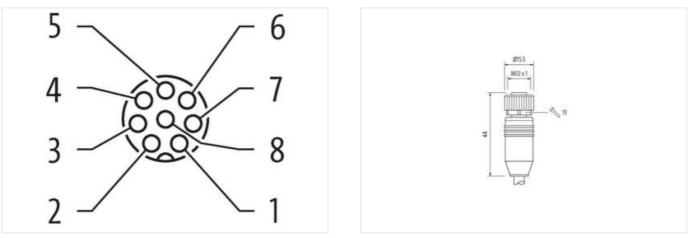
Female straight M12, 8-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



1)	<u>WH</u>	
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Product may differ from Image



20 m

0,6 Nm

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: 2024-05-17

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Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Material contact	Copper alloy	
Material	PUR	
No. of poles	8	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
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	4048879316088	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	30 V	
Operating voltage DC max.	30 V	
Operating voltage AC (UL-listed)	30 V	
Operating voltage DC (UL-listed)	30 V	
Current operating per contact max.	2 A	
Installation Connection		
Mounting set	M12 x 1	
Device protection Electrical		
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	0,8 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 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.	
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
Note on bending radius		
Note on bending radius Conformity		
-		

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Installation | Cable

Cable Application717Cable Type3Jacket ColorblackType of CertificateCURusAnount standing1Stranding8 wiros around Core lifer twestedCable shelding (type)coppor braid, funnedCable shelding (type)coppor braid, funnedCable shelding (type)page transitionCable shelding (type)page transitionCable shelding (type)page transitionCable shelding (type)page transitionCable weight66 gimMaterial jacketPURShere hardness jacket90 ± S hore AFreedom Irom ingredients (jacket)7.mmTolerance outer diameter (sheath)± 5 %Material jacket insulationPPAmount wires8Outer-diameter insulation± 5 %Shore hardness wire insulation± 5 %<	Installation Cable	
Jacket Data Type of Cortificate cURus Amount stranding 1 Stranding 8 wires around Core Iller twisted Cable shielding (type) coppor braid, finned Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes wire arrangement brown, white, red, blue, prink, gray, yellow, green Cable weight 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingedients (jacket) 7 mm Tolerance outer diamater (jacket) 7 mm Tolerance outer diamater (jacket) 1 a 5 % Amount wires 8 Outer diamater isolation 1 2 mm Outer	Cable identification	717
Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, lined Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 66 g/m Material jackt PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmum-ree, CPC-free, halogen-free, silicone-free Outer diameter (glackt) 7 mm Toferance outer (diameter or isulation PP Amount wires 8 Outer diameter insulation 1.2 mm Outer diameter insulation 1.2 mm Outer diameter insulation lead-free, cadmum-free, CPC-free, halogen-free, silicone-free Amount wires 8 Candword regrassite (wire) 32 Diameter of single wires 0.1 mm Conductor coresonic insulation lead free, cadmum-free, CPC-free, halogen-free, silicone-free Candword ro	Cable Type	3
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wire arrangement brown, white, red, blue, pink, gray, yellow, green Gable weight 66 g/m Material jackt PUR Shore hardness jackat 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material lavic insulation PP Amount wires 8 Outer diameter tolerance core insulation 1.2 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.2 shore D Ingredient freeness wire insulation 1.2 shore D Ingredient freeness wire insulation 1.2 shore D Ingredient freeness wire insulation 1.2 shore D Conductor yee (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor yee (wire) stranded class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AG max. 300 V Current load capacity min. wire 3 A Electrical resistance line constant wire	Banding	Fleece, Foil
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No. of torsion cycles 2 Mio.		
Torsion stress ± 30 °/m	-	
Torsion speed 35 cycles/min	Torsion speed	35 cycles/min

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: 2024-05-17

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