

M12 male 0° / M12 female 0° A-cod. shielded

PUR 8x0.25 shielded gy UL/CSA+drag ch. 3.5m

Male straight – female straight M12 – M12, 8-pole shielded

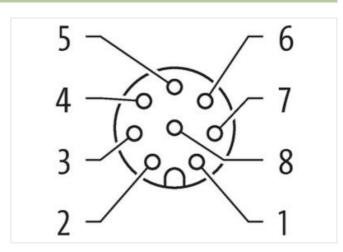
Plastic housings with good resistance against chemicals and oils.

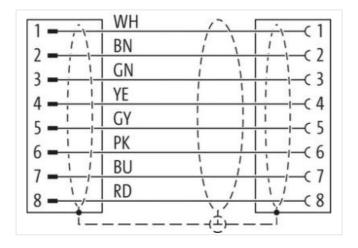
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

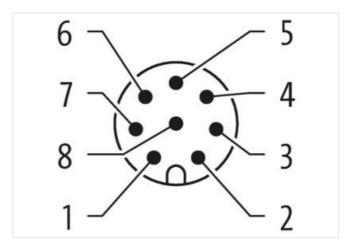
Link to Product

Illustration



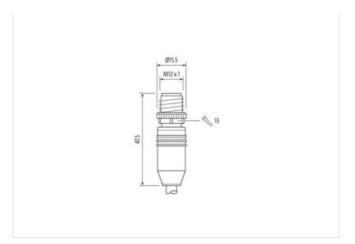


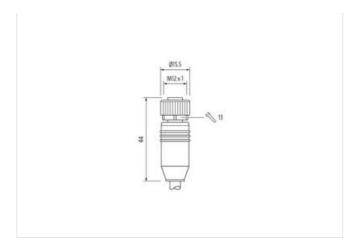






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Product may differ from Image











Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Locking material	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	

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



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Attention: Observe the permissible bending radii when laying cables, as the IP protection class can endangered by excessive bending forces. Conformity	
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable (dentification 291 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Bandring Fleece, Foll Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 78,1 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 (jackot) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Outer diameter blerance core insulation 1,2 mm Outer diameter blerance core insulation 50 ± 5 Shore D Ingredient freeness wire insulation 10,2 mm Outer diameter of single wires 0,1 mm Camount strands (wire) 32 Diameter of single wires 0,1 mm Canductor cross wire insulation 0,2 mm Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded cop	be
Installation Cable Cable identification 291 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filter twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 80 % Banding Fleece, Foil Filter yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 78, 1gm 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,2 mm Outer diameter Insulation 1,2 mm Outer diameter Insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire	
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Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s	
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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 UL 1581 § 1100 FT2 IEC 60332-2-2 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	

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



No. of torsion cycles	2 Mio.	
Torsion stress	± 30 °/m	
Torsion speed	35 cycles/min	
Commercial data		
customs tariff number	85444290	
GTIN	4065909030011	
Packaging unit	1	