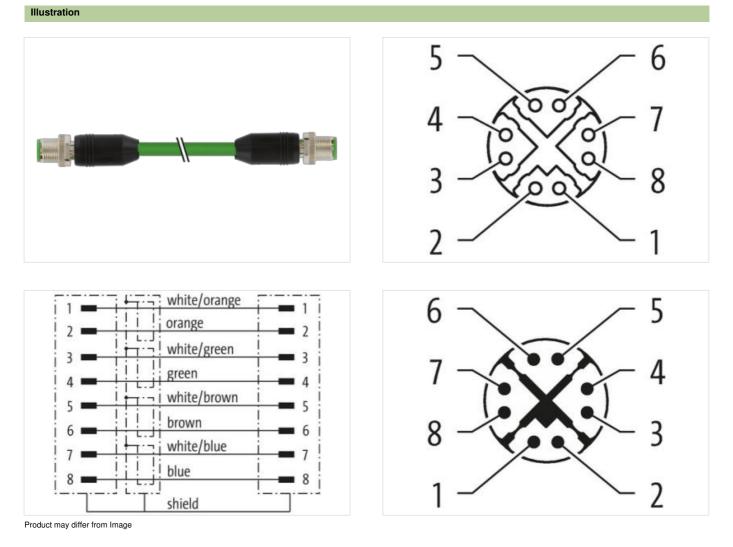


M12 male 0° / M12 male 0° X-cod. shielded

PUR 4x2xAWG24 shielded gn UL+drag ch. 0.3m

Male straight - male straight M12 - M12, 8-pole X-coded Shielded with cable sleeves maximum length for channel transmission corresponds to 45m Good chemical and oil resistance (oil resistance does not apply to use with PVC cable) The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



Cable length	0,3 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	

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Thread M12 x 1 autable for conguted lube (intenni 0) 12 mm Solids outet sraight Solids outet sraight Meetal contact Copper alloy No. of poles 8 Witch across Eas SW13 Degree of protection (EN IEC 6052e) IP65, IP67 Store Thread Thread outer (EN IEC 6052e) IP65, IP67 Store Thread outer (EN IEC 6052e) Thread outer (EN IEC 6052e) IP65, IP67 Store gold patiel Thread Nutring particle (Stread) gold patiel Thread Nutring particle (Stread) 12 nm Collado contact gold patiel Thread Nutring in Contact (Stread) 12 nm Colado contact stread) Colado contact stread) With across fast SW13 Darone of poletion (EN IEC 6055) IP67 Commercial data SW13 Darone of poletion (EN IEC 6055) IP67 Commercial data SW13 Darone of poletion (EN IEC 6055) IP67 </th <th>Family construction form</th> <th>M12</th>	Family construction form	M12
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Environmental characteristics Climatic		
Operating temperature min25 °C		
	Operating temperature min.	-25 °C

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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 61076-2-109 (M12)
Installation Cable	
Cable identification	826
Jacket Color	green
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Stranding (type 2)	4 Stranded joints around Insulation element twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Insulation element
wire arrangement	(blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange)
Cable weigth	116,6 g/m
Material jacket	PUR
Shore hardness jacket	90 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	natur
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.05 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	61 Shore D
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG 24 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
	5 m @ 25 °C 300 V
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3 A
Characteristic impedance	$100 \ \Omega \pm 15 \ \% \text{ MHz}$
Electrical resistance line constant wire	100 Ω ± 15 % MHz 87,6 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
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 (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
	0E 1001 & 1000 IEO 00002-2-2 OE 1001 & 1100 12

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chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/m

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