

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

PUR 8x0.25 shielded gy UL/CSA+drag ch. 6m

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

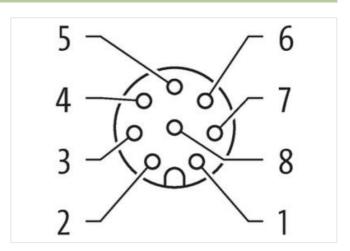
Plastic housings with good resistance against chemicals and oils.

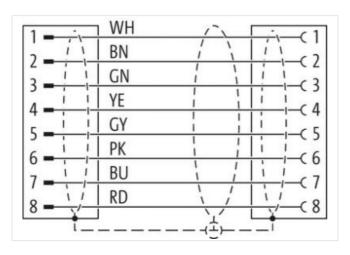
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

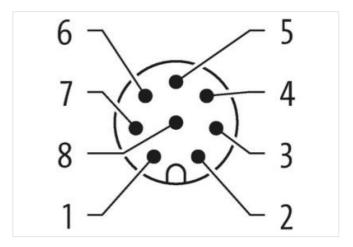
Link to Product

Illustration



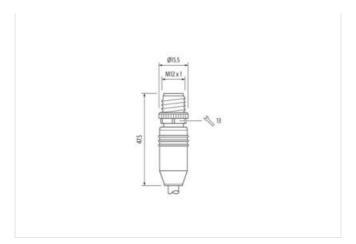


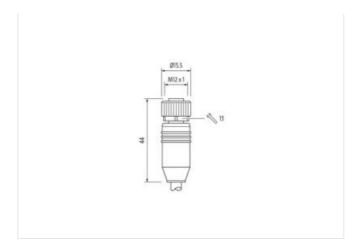






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Product may differ from Image











Cable length	6 m
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
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879320023
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
Device protection Electrical	



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Metherial group (IEC 60064-1) I Mochanical data Material atta Conting locking Nickeled Locking material Zinc die-casting Mochanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Departing temperature min. -25 °C Operating temperature max. 65 °C Hodditional condition temperature range depending on cable quality Important installation notes Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bunding radius Attention: Observe the permissible bending radius when laying cables, as the IP protection class can be endanged by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable	<u> </u>	
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Operating temperature min. 45 °C Operating temperature max. 85 °C Operating temperature max. 95 °C	•	
Departing temperature max. 48 °C depending on cable quality depending for case. 4 tention: 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 61076-2-101 (M12) Installation [Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green 2able identification 291 2able Type 3 2able Stranding 4 wire arranging 1 Stranding 8 wires around Core filler twisted 2able Ishelding (type) copper braid, thined 2able Ishelding (type) copper braid, thined 2able Stranding 5 2able Stranding 6 2able Stranding 7 2able Stranding 8 wires around Core filler twisted 2able shelding (type) copper braid, thined 2able weight 78.1 g/m 48.1 g/m 48.2 Shore A 2able weight 78.1 g/m 2able weight 78.1 g/m 2able dependent (sheld) 1.5 % 48.2 Shore A 2able weight 7.5 Shore A 2able weight 7.5 Shore A 2able dependent (sheld) 1.5 % 48.3 Shore hardness wire insulation 1.2 mm 2able diameter (sheld) 1.5 % 48.5 Shore hardness wire insulation 1.2 mm 2able diameter (sheld) 1.5 % 48.5 Shore hardness wire insulation 1.2 mm 2able diameter of single wire 1.2 mm 2able diameter	Environmental characteristics Climatic	
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Nominal voltage AC max. 300 V		
	Current load capacity (standard)	to DIN VDE 0298-4



Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 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	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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min