

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

PUR 8x0.25 shielded gy UL/CSA+drag ch. 5m

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

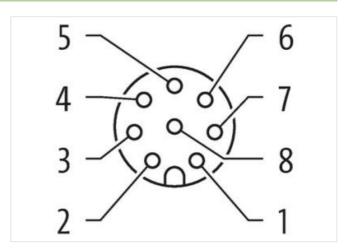
Plastic housings with good resistance against chemicals and oils.

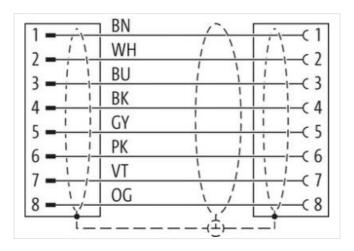
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

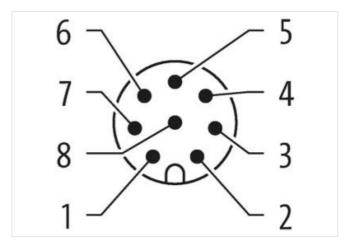
Link to Product

Illustration





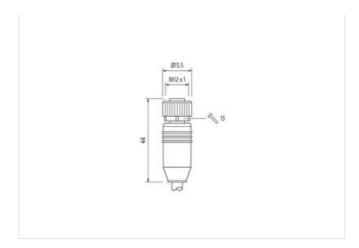






stay connected





Product may differ from Image











Cable length	5 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	4048879139113
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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Abertail group (IEC 0666-11)	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Male risks of group (IEC 60064 1) I Mechanical data Material data Material data Size of decasting Molecular (Incident of the Common of the Co	Additional condition protection degree	inserted, screwed
Mochanical data Material data Material data Zinc class ling Mochanical data Mounting data Mochanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Rated surge voltage	0,8 kV
Coating toking Nickeled Zero dis casting Mechanical fata Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min.	Material group (IEC 60664-1)	I
Locking material Zinc die casting Mochanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Diperating temperature min. 25 °C Coperating temperature min. 35 °C Additional condition interpeature range depending on cable quality Important installation notes Note on brain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Note on bending radius Attention: Observe the permissable 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 Installation Cable John Schole (Arministand) Sales (Arministand	Mechanical data Material data	
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Operating temperature min	Environmental characteristics Climatic	
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Amount strands (wire) 22 Diameter of single wires Conductor crosssection (wire) Output Ou	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	Conductor crosssection (wire)	0,25 mm ²
Nominal voltage AC max. 300 V	Material conductor wire	Stranded copper wire, bare
•	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4	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 UL 1581 § 1090 IEC 60332-2-2
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)	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