

M12 Power male 0° L-cod. / 7/8" female 0°

PUR 5x1.5 bk UL/CSA+drag ch. 0.3m

Power
Male straight – female straight
M12 – 7/8", 5-pole
L-coded
with cable sleeves

Further cable lengths on request.

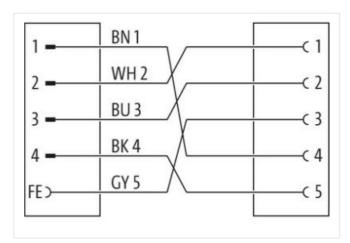
Plastic housings with good resistance against chemicals and oils.

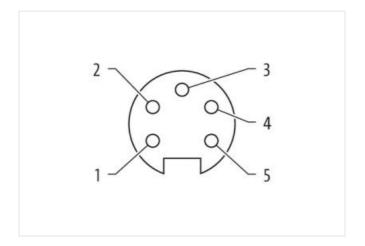
The resistance to aggressive media should be individually tested for your application. Further details on request.

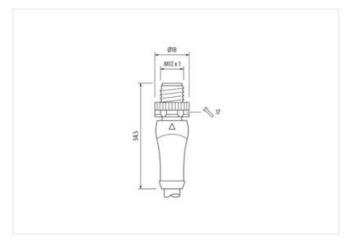
Link to Product

Illustration



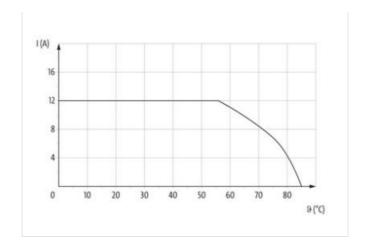


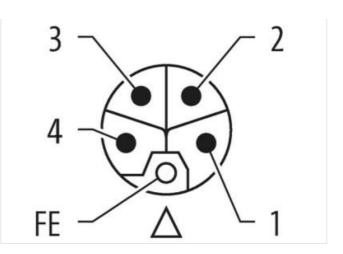


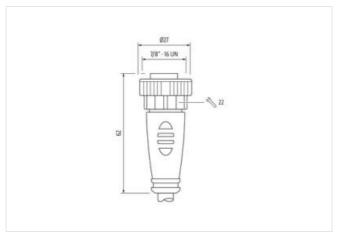




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Product may differ from Image







Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
No. of poles	5
Width across flats	SW17
Side 2	
Tightening torque	1,5 Nm
Family construction form	7/8"
Thread	7/8"
suitable for corrugated tube (internal Ø)	15,8 mm
No. of poles	5
Width across flats	SW22
Commercial data	



ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879719339
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
	Nickeled
Coating locking Material housing	
Material housing	PUR
Material housing Locking material	
Material housing Locking material Mechanical data Mounting data	PUR Zinc die-casting
Material housing Locking material Mechanical data Mounting data Mounting method	PUR
Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic	PUR Zinc die-casting inserted, screwed, Shaking protection
Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C
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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: 2024-05-06



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Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	13,5 A
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °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
UV resistance	DIN EN ISO 4892-2 A
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)	7,5 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
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m