

M12 Power female 0° S-cod. with cable

PUR 4x1.5 bk UL/CSA+drag ch. 10m

Power Female straight M12, 4-pole S-coded

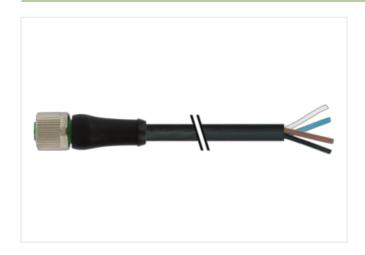
with cable sleeves

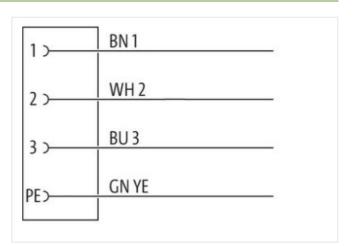
Plastic housings with good resistance against chemicals and oils.

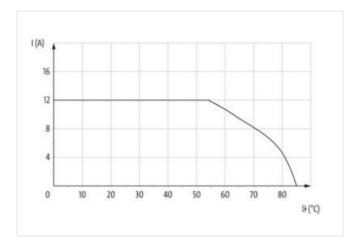
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

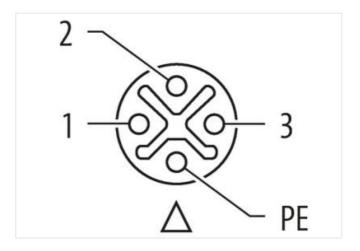
Link to Product

Illustration



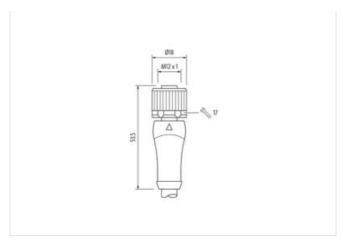








stay connected



Product may differ from Image











Cable length	10 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	S
Material contact	Copper alloy
No. of poles	4
Side 2	
Stripping length (jacket)	100 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879653053
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	12 A
Installation Connection	
Stripping length (jacket)	100 mm
Width across flats	SW17



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Device protection Electrical		
Degree of protection (EN IEC 60529)	IP65, IP67	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	6 kV	
Material group (IEC 60664-1)	T. Control of the con	
Mechanical data Material data		
Coating locking	Nickeled	
Material gasket	FKM	
Material housing	PUR	
ocking material	Zinc die-casting	
Mechanical data Mounting data		
, s	incorted caravad Chaking protection	
Mounting method	inserted, screwed, Shaking protection	
Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
perating temperature max.	85 °C	
additional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote 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	IEC 61076-2-111	
Installation Cable		
Cable identification	P06	
Cable Type	3	
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown)	
acket Color	black	
ype of Certificate	cURus	
Amount stranding	1	
Stranding	4 wires twisted	
vire arrangement	green-yellow, blue 3, white 2, brown 1	
Cable weigth	114,4 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 (jacket)	7,2 mm	
olerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	4	
Outer diameter insulation	2.3 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	60 ± 5 Shore D	
ngredient 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)	
amount strands (wire)	84	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	1,5 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Iominal voltage AC max.	1000 V	
→		

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



Current load capacity min. wire	14,4 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 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)	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
Torsion speed	35 cycles/min