

## M12 Power male 0° / female 0° S-cod.

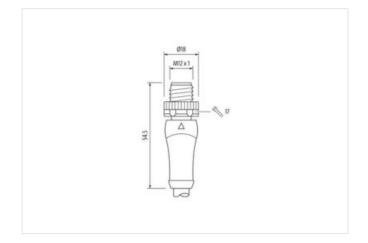
PUR 4x1.5 bk UL/CSA+drag ch. 25m

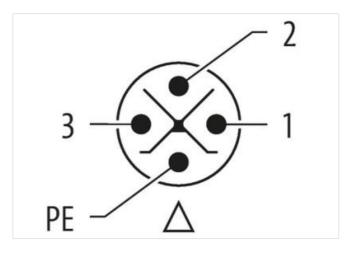
Male straight – female straight M12 – M12, 4-pole S-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



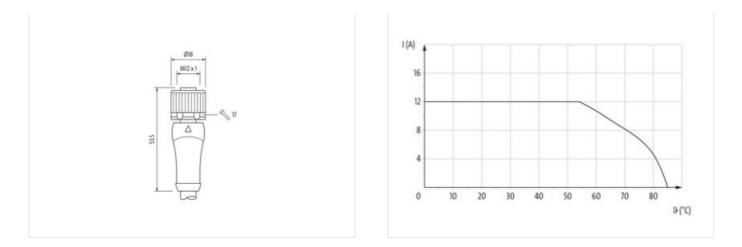
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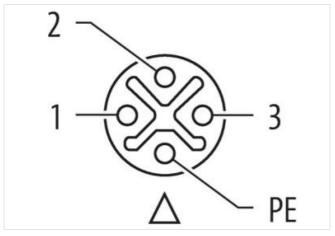




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Product may differ from Image



Cable length	25 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	S
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Thread	M12 x 1
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218

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ETIM-5.0EC001855customs tariff number85444290GTIN4065909080405Packaging unit1Electrical data   SupplyOperating voltage AC max.600 VCurrent operating per contact max.12 AInstallation   ConnectionWidth across flatsSW17Degree of protection   ElectricalPogree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage6 kVMaterial group (IEC 60664-1)IMechanical data   Material dataCoating lockingNickeledMaterial gasketFKMMaterial posingPUR	ECLASS-9.0	27060327
ECI.ASS 12.0     27060327       ETIM. 5.0     ECO01685       Controns tariff mumber     8544290       GTIN     406599080405       Packaging unit     1       Electrical data   Supply     Electrical data   Supply       Operating voltage AC max.     800 V       Current operating per contact max.     12 A       Installation [Connection     Electrical data   Supply       Device protection   Electrical     Electrical data   Material supply electrical (Supply)       Pick IC 60664-1)     1       Hestanizal data   Material data     Electrical data       Coating Locking material     Zinc die casting       Material protection   Electrical     Electrical data   Mouting data       Mouting material     Zinc die casting       Material protection I element (Electrical Supply)     Electrical data   Mouting data       Mouting material     Zinc die casting       Mouting material     Electrical supply       Operating temperature min.     25 °C       Operating t	ECLASS-10.1	27060311
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Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A		
Shore hardness jacket     90 ± 5 Shore A		
·		-
Freedom trom ingredients (jacket)     lead-tree, cadmium-tree, CFC-tree, halogen-free	-	
Outer-diameter (jacket)     7,2 mm		•
Tolerance outer diameter (sheath)     ± 5 %		
Material wire insulation PP		
Amount wires 4		
Outer diameter insulation     2,3 mm		
Outer diameter tolerance core insulation     ± 5 %	Outer diameter tolerance core insulation	I 0 76

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



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)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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