

M12 female 0° A-cod. with cable shielded

PVC 4x0.34 shielded bk UL/CSA 30m

Female straight M12, 4-pole shielded

with cable sleeves

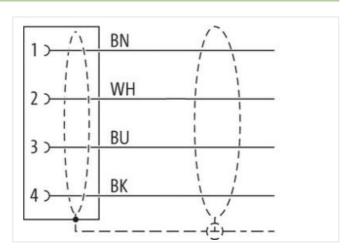
Plastic housings with good resistance against chemicals and oils.

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

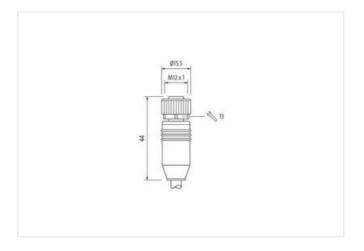
Link to Product

Illustration









Product may differ from Image













Cable length

30 m

Side 1

Tightening torque

0,6 Nm



stay connected

Thread	M12 x 1 A PUR SW13 IP65, IP66K, IP67 27279218 27279218 27279218 27279218 27279218 27279218 27279218 27279218 27279218
Thread Coding // Coding // Material	PUR SW13 IP65, IP66K, IP67 27279218 27279218 27279218 27279218 27279218 27279218 27279218 27060311 27060311
Material F Width across flats S Degree of protection (EN IEC 60529) I Commercial data ECLASS-6.0 ECLASS-6.1 2 ECLASS-7.0 2 ECLASS-8.0 2 ECLASS-9.0 2 ECLASS-10.1 2 ECLASS-11.1 2 ECLASS-12.0 2 ETIM-5.0 I	PUR SW13 IP65, IP66K, IP67 27279218 27279218 27279218 27279218 27279218 27279218 27279211 27060311 27060311
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ECLASS-12.0 2 ETIM-5.0 E	
ETIM-5.0	07000011
	27060311
customs tariff number	EC001855
	85444290
GTIN	4048879897242
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
	60 V
	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree i	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method i	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bonding 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 [DIN EN 61076-2-101 (M12)
Installation Cable	



stay connected

Cable identification	179
Jacket Color	green
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints with Filler twisted
Banding	Fleece
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	60,5 g/m
Material jacket	PVC
Shore hardness jacket	92 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	6,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Characteristic impedance	100 Ω
Electrical resistance line constant wire	87 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	49000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
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 (installation)	x Outer diameter
Bending radius (fixed)	7 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter