

M12 female 90° A-cod. with cable

PUR 3x0.75 gy UL/CSA+drag ch. 1.5m

Female 90° M12, 3-pole 2× LED (PNP)

Invers-polarity protection

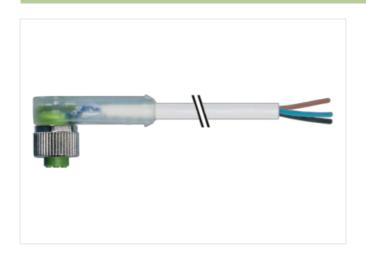
Plastic housings with good resistance against chemicals and oils.

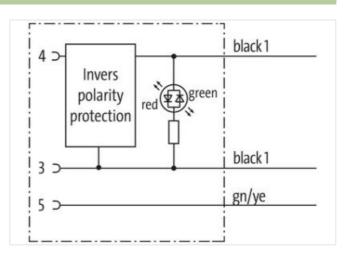
The resistance to aggressive media should be individually tested for your application. Further details on request.

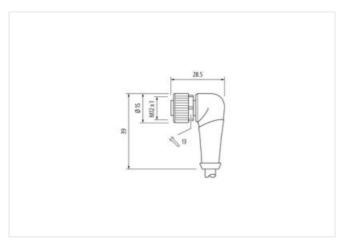
Further cable lengths on request.

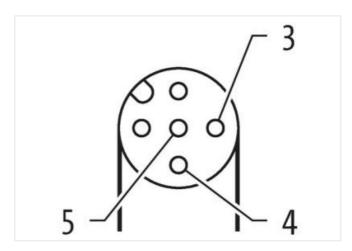
Link to Product

Illustration









Product may differ from Image





1,5 m Cable length

Side 1

0,6 Nm Tightening torque



stay connected

Family construction form M12 Thread M12 1 Thread M12 1 M12 1 Mariana M12 M13	Mounting method	inserted, screwed
Main Michael	Family construction form	·
	Thread	
Coding A Material PUR With across fats SW13 Degree of protection (EN IEC 60529) IPSS, IPORK, IPS7 Commercial date ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 2729218 ECLASS 7.0 2729218 ECLASS 7.0 2729218 ECLASS 7.0 2706311 ECLASS 7.0 2706311 ECLASS 7.0 2706311 ECLASS 7.1 27060311 ECLASS 7.1 2706011 ECLASS 7.1 2706011 ECLASS 7.2 2706011<	suitable for corrugated tube (internal Ø)	10 mm
Meterial PLR Wittlina prose for protection (EN IEC 60529) IPES, IPE6K, IPE7 Commercial data February 18 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 2706011 ECLASS-10.1 2706011 ECLASS-11.2 2706011 ECLASS-12.0 2706011 ECLASS-10.1 2706011 ECLASS-10.1 2706011 ECLASS-10.2 2706011 ECLASS-10.3 2706011 ECLASS-10.4 2706011 ECLASS-10.1 2706011 ECLASS-10.2 2706011 ECLASS-10.3 2706011 ECLASS-10.4 2706011 ECLASS-10.5 2706011 ECLASS-10.6 26044290 GTN 404887462099 Peckaging unit 1 Electrical 27.9 Operating voltage DC mix. 27.9 V Opera	Coding	A
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endangered by excessive bending forces.		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation Cable		endangered by excessive bending forces.
	Installation Cable	



stay connected

wire arrangement	black 1, black 2, green-yellow
Cable identification	236
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	56,1 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)	5.9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP PP
Amount wires	3
Outer diameter insulation	1.85 mm
Outer diameter insulation Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	12 A
<u> </u>	
Electrical resistance line constant wire	26 Ω/km @ 20 °C 2.5 kV @ 60 s
AC withstand voltage (wire - wire)	2,5 KV @ 6U S
Power frequency withstand voltage (wire - jacket)	2,5 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 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m