

M12 male 90° / M12 female 90° A-cod.

TPE 4x22AWG ye UL/CSA. ITC/PLTC 10m

Male 90° – female 90° Cable is approved for 600 V M12 – M12, 4-pole USA

Plastic housings with good resistance against chemicals and oils.

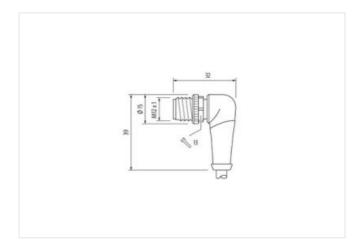
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

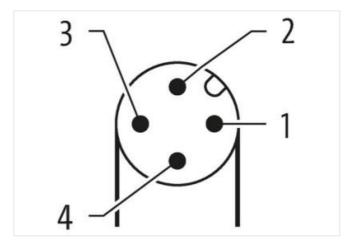
Link to Product

Illustration





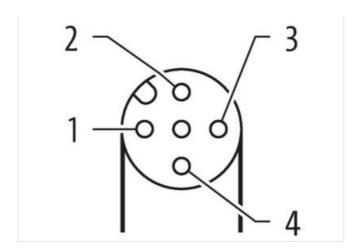






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Product may differ from Image











Cable length	10 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	angled
Coding	A
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Cable outlet	angled
Coding	A
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	27060311
ETIM-5.0	EC001855



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Packaging	customs tariff number	85444290
Petertinal vallage AC max. 250 V	GTIN	4048879739399
Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (VL-listed) 30 V Operating voltage AC (VL-listed) 4A Device protection Elictrical Degree of protection (EN IEC 80589) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 805841) I Mechanical data Material data Coating looking Nickeled Locking material Zinc de-easting Mechanical data Mounting data Mounting method inserted, screwed. Shaking protection Environmental characteristics Climate Deprating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 35 °C Operating temperature max. 35 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protection depending on cable quality Important installation notes Note on bending radius Attention. Conserve the permissibile bending radii when laying cables, as the IP protection class can be ordergreed by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable with a standard Color yellow Type of Certificate UPRs Amount stranding 1 Stranding 4 wives twisted Were arrangement bown, black, blue, white Cable identification 4 4 wives twisted The Freedom from ingredients (Scalati) 127 mm Material jooket PVC Amount stranding 1 5 % Material jooket PVC Amount stranding 1 1.27 mm Outer diameter (schedu) 1.27 mm Outer diameter (schema) 1.27 mm	Packaging unit	1
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Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 5,36 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Cable weigth	49,5 g/m
Outer-diameter (jacket) 5,36 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Material jacket	TPE
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Outer-diameter (jacket)	5,36 mm
Amount wires 4 Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,27 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Amount wires	4
Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19	Outer diameter insulation	1,27 mm
Amount strands (wire) 19	Outer diameter tolerance core insulation	±5%
	Ingredient freeness wire insulation	lead-free, CFC-free
Diameter of single wires 22 AWG	Amount strands (wire)	19
	Diameter of single wires	22 AWG
Conductor crosssection (wire) 22 AWG	Conductor crosssection (wire)	22 AWG

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: 2024-06-22



Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	46,9 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m