

M12 Power L-coded 4pol. male 0° with cable

TPE 4x16AWG ye UL/CSA, TC-ER, IEC 7.5m

Art.No.: 7700-P4101-U0C0750

Weight: 0.913

Country of origin: DE

Model designation: MSWALL0-TU0C_7.5

USA

Power

Male straight

M12, 4-pole

L-coded

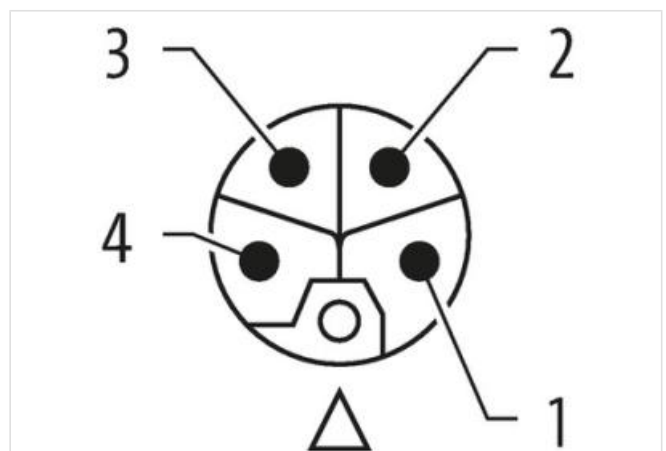
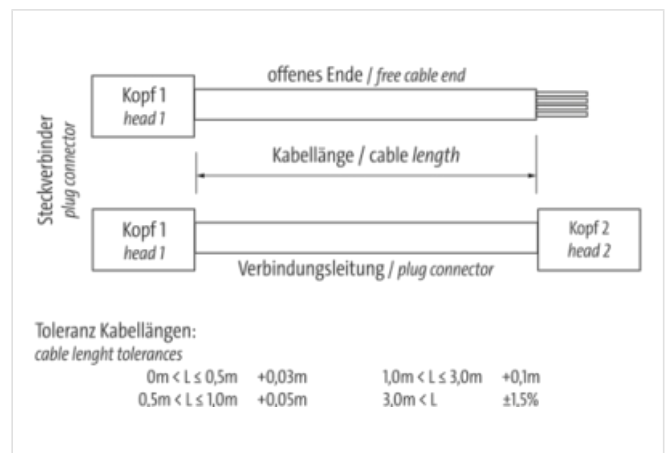
without cable sleeves

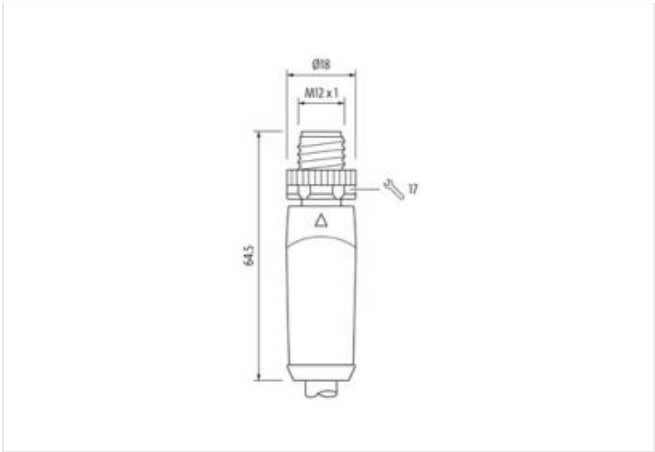
Cable is approved for 600 V

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	7,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwing
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	16,4 mm
Gender	male
Cable outlet	straight
Coding	L
Material contact	Copper alloy
No. of poles	4
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
EAN	4048879850797
Packaging unit	1
Electrical data Supply	

Operating voltage DC max.	63 V
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Current operating per contact max.	12 A
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Diagnostics

Status indication LED	no
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Installation | Connection

Stripping length (jacket)	100 mm
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Width across flats	SW17
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Mating cycles min.	100
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67
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Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Rated surge voltage	1,5 kV
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Material housing	PUR
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Coating locking	Nickeled
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Locking material	Zinc die-casting
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Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Conformity

Product standard	IEC 61076-2-111
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Installation | Cable

wire arrangement	brown, black, blue, white
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Cable identification	U0C
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Jacket Color	yellow
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	4 wires with 5 Filler twisted
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Banding	Foil
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Filler	yes
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wire arrangement	brown, black, blue, white
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Cable weight	117,7 g/m
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Material jacket	TPE
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Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
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Outer-diameter (jacket)	9,02 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PVC
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Amount wires	4
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Outer diameter insulation	2,62 mm
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Outer diameter tolerance core insulation	± 5 %
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Ingredient freeness wire insulation	lead-free, CFC-free
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Amount strands (wire)	65
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Diameter of single wires	16 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	600 V
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity min. wire	8 A
Electrical resistance line constant wire	13,2 Ω /km @ 20 °C
AC withstand voltage (wire - wire)	6 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
Min. operating temperature (static)	-50 °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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio.