

M12 Power L-coded 5pol. male 90° with cable

TPE 5x16AWG ye UL/CSA, TC-ER, IEC 5m

Art.No.: 7700-P4211-U0D0500

Weight: 0.684 kg

Country of origin: US

Model designation: MSWCLLO-UU0D_5.0

Power

Male 90°

M12, 5-pole

L-coded

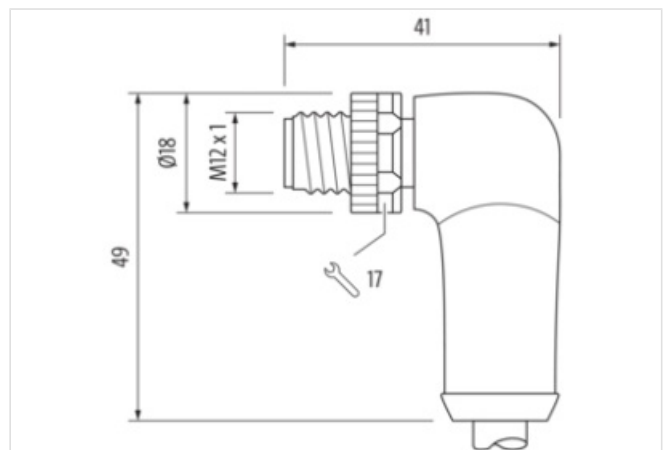
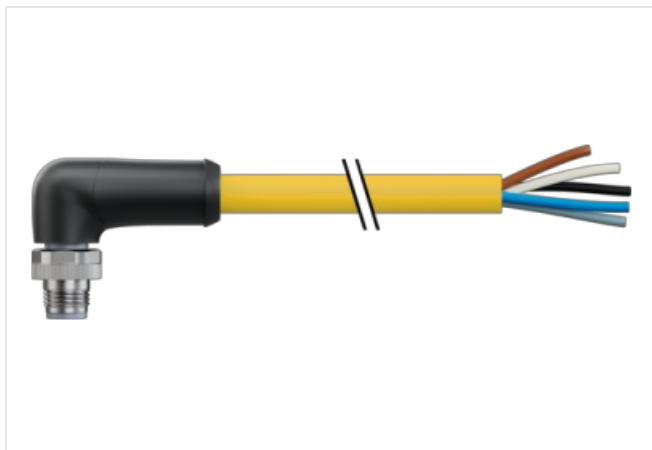
Plastic housings with good resistance against chemicals and oils.

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

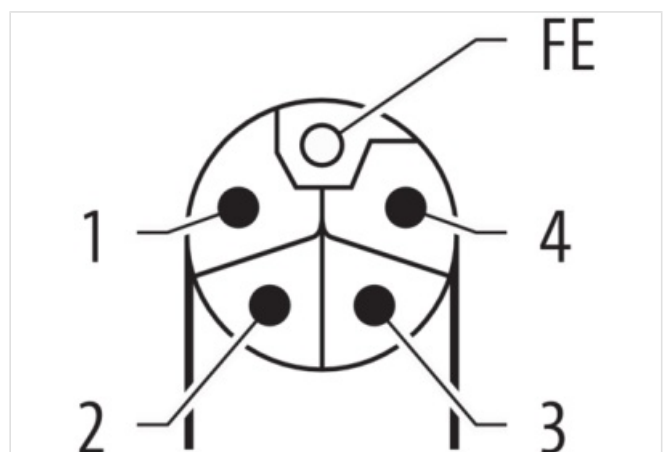
Further cable lengths on request.

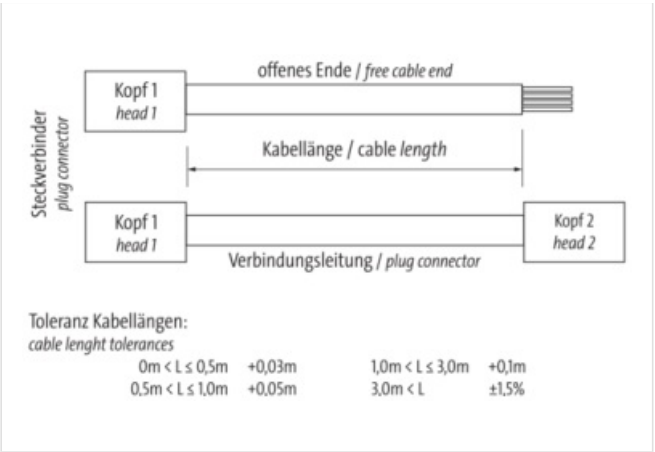
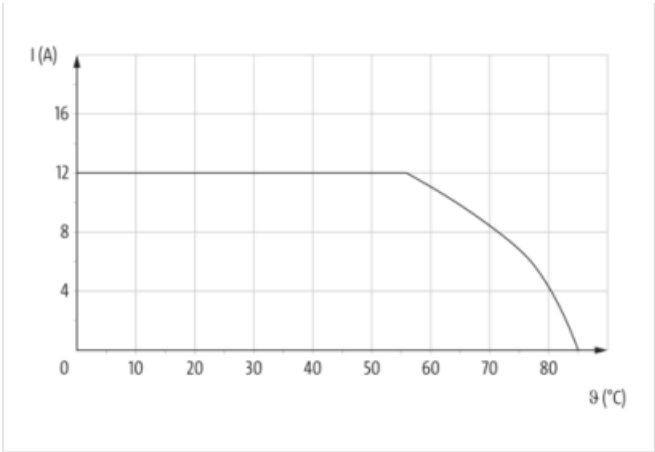
without cable sleeves

USA

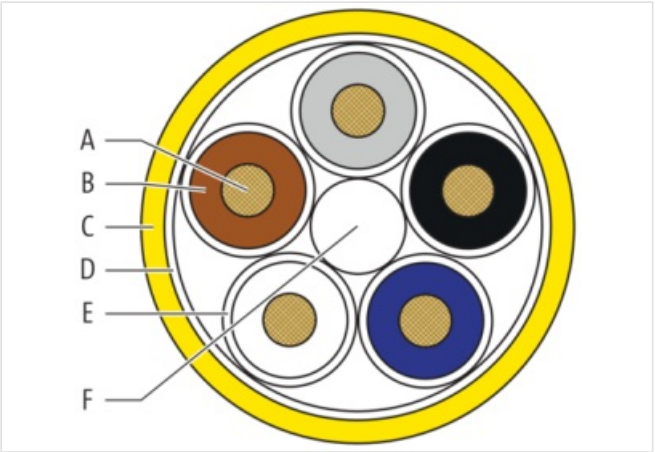
[Link to Product](#)
Illustration


1	BN 1
2	WH 2
3	BU 3
4	BK 4
FE	GY 5





Product may differ from Image



Header	
Material short text	MSWCLL0-UU0D_5.0
Cable length	5,00 m
Side 1	
Family construction form	M12P
No. of poles	5
Coding	L
Gender	male
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW17
Cable outlet	angled
suitable for corrugated tube (internal Ø)	16,4 mm
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP65
Side 2	

Family construction form	free cable end
Stripping length (jacket)	100 mm

Commercial data

URL Webshop	https://shop.murrelektronik.com/7700-P4211-U0D0500
GTIN	4048879850902
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060327
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ECLASS-13.0	27060311
ECLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879850902
Packaging unit	1
customs tariff number	85444290
EAN	4048879850902
Packaging unit	1

Electrical data | Supply

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

Diagnostics

Status indication LED	No
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Installation | Connection

Width across flats	SW17
Mating cycles min.	100

Device protection | Electrical

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

Mechanical data | Material data

Material housing	PUR
Material screw connection	Brass
Coating of fitting	nickel plated

Mechanical data | Mounting data

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

Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Conformity

Product standard	EN IEC 61076-2-111
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Installation | Cable

Cable identification	U0D
Amount stranding	1
Stranding	Wires
Banding	Foil
Filler	Yes
Wire arrangement	brown, black, blue, white, gray
Cable weight	131 g/m
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	2,62 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	65
Diameter of single wires	16 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	9,78 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	13.2 Ω/km @ 20 °C
Nominal voltage max.	600 V
Withstand voltage (wire - wire)	6 kV @ 60 s
Withstand voltage (wire - jacket)	6 kV @ 60 s
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity max. (wire)	8 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio.