

**M12 Power L-coded 5pol. male 0° / female 0°**

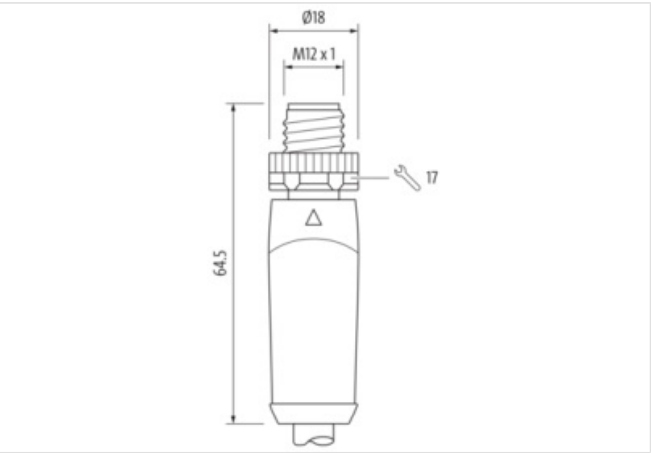
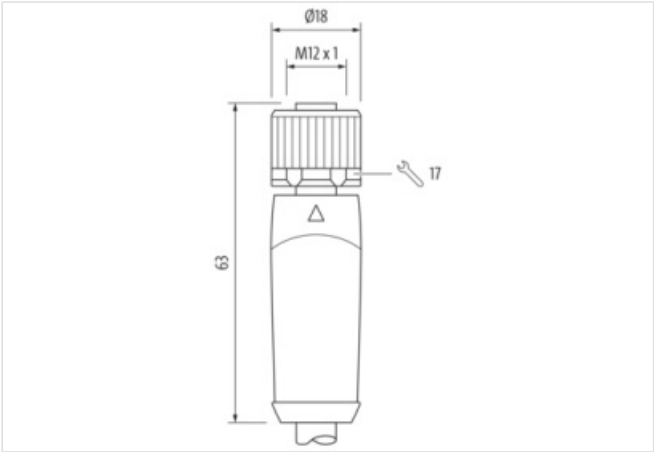
TPE 5x16AWG ye UL/CSA, TC-ER, IEC 0.3m

Art.No.: 7700-P4241-U0D0030  
Weight: 0.104 kg  
Country of origin: DE  
Model designation: MSWBLL0-WAL-UU0D\_0.3

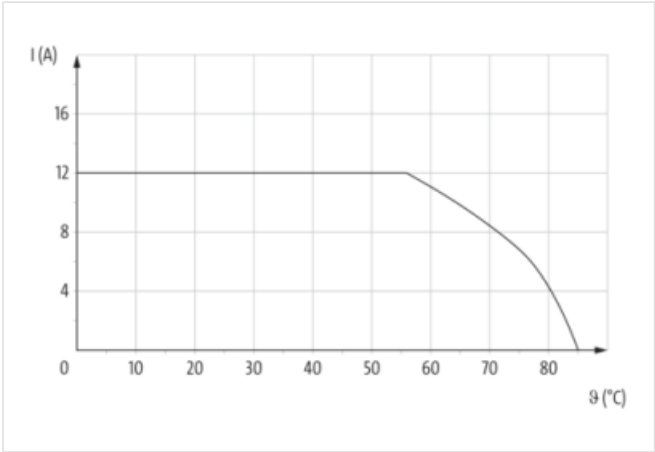
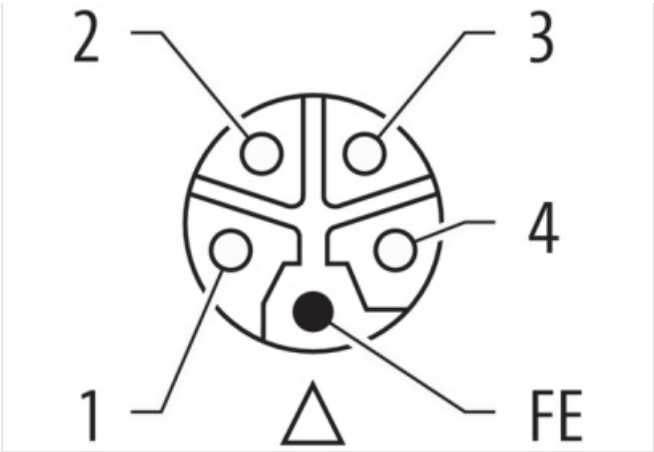
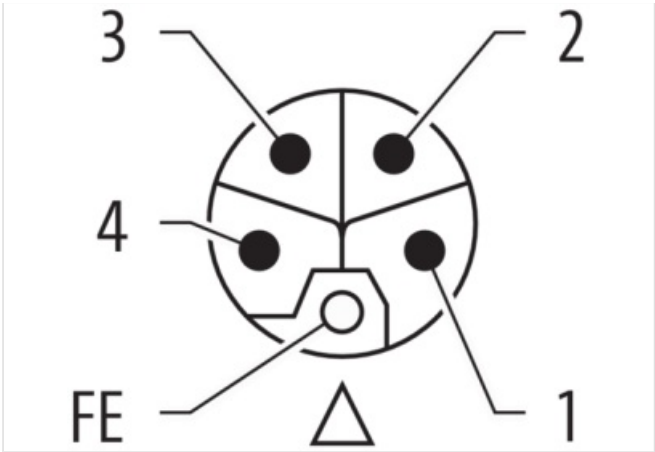
USA  
Power  
M12 – M12, 5-pole  
Male straight – female straight  
L-coded  
without cable sleeves  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

**Link to Product**

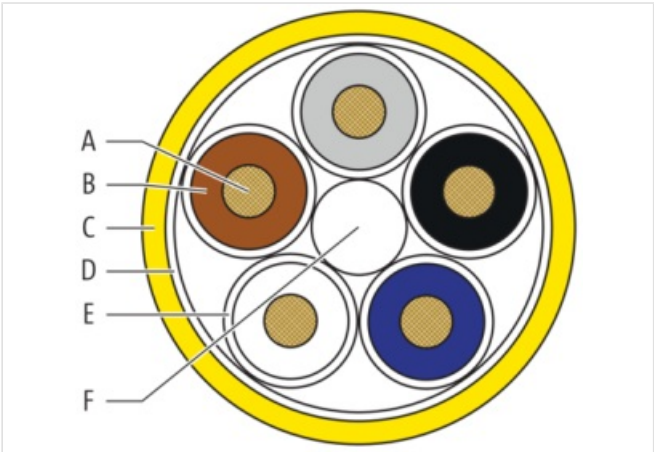
**Illustration**



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



Product may differ from Image



Header

Material short text MSWBLL0-WAL-UU0D\_0.3  
Cable length 0,30 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	straight
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	M12P
No. of poles	5
Coding	L
Gender	female
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW17
Cable outlet	straight
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

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7700-P4241-U0D0030">https://shop.murrelektronik.com/7700-P4241-U0D0030</a>
GTIN	4048879824217
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	4048879824217
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

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)	IP67, IP65
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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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Material screw connection	Brass
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Coating of fitting	nickel plated
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Material gasket	FKM
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#### Mechanical data | Mounting data

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

Operating temperature min.	-30 °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 bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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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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#### Conformity

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

Cable identification	U0D
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Amount stranding	1
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Stranding	1 × Wires
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Banding	Foil
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Filler	Yes
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Wire arrangement	brown, black, blue, white, gray
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Cable weight	131 g/m
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Material wire insulation	PVC
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Amount wires	5
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Outer diameter insulation	2,62 mm
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Outer diameter tolerance core insulation	± 0,05 mm
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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
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Conductor crosssection (wire)	16 AWG
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Material conductor wire	Stranded copper wire, bare
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Outer-diameter (jacket)	9,78 mm
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Tolerance outer diameter (sheath)	± 5 %
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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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Conductor resistance (wire)	13.2 $\Omega$ /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.