

**M12 Power L-coded 5pol. female 0° with cable**

TPE 5x16AWG ye UL/CSA, TC-ER, IEC 3m

USA

Power

Female straight

M12, 5-pole

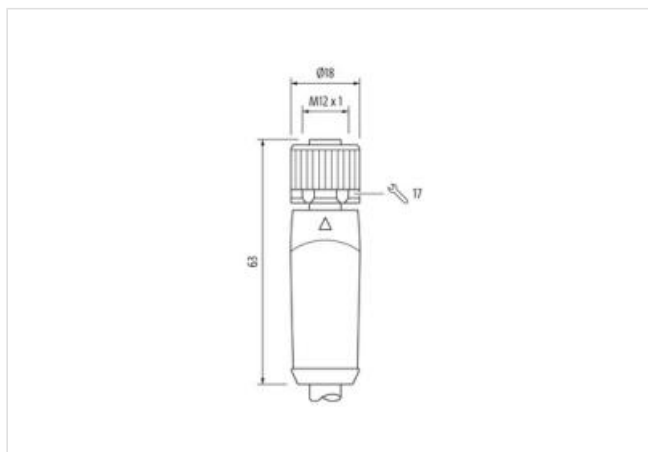
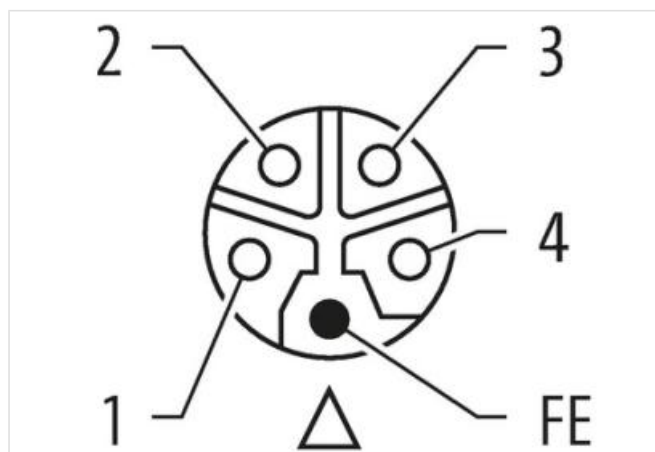
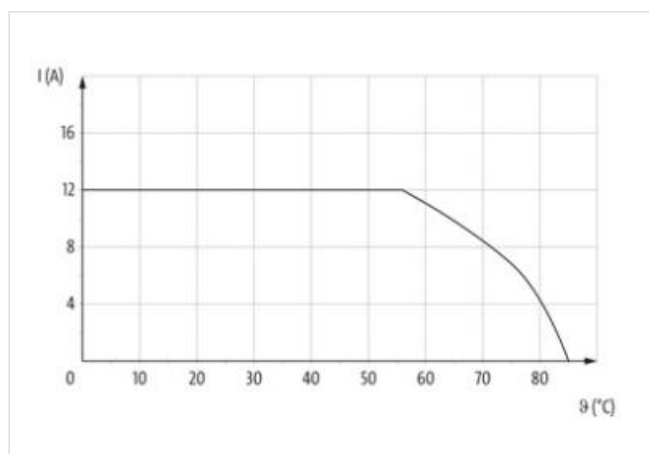
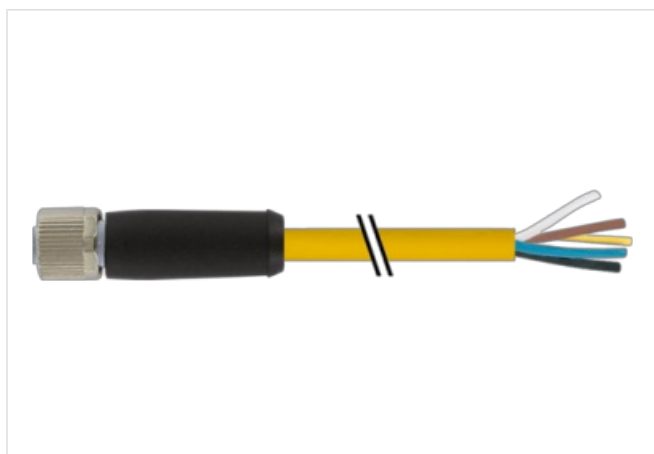
L-coded

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**



Product may differ from Image



Cable length	3 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 mm
Coding	L
Material contact	Copper alloy
No. of poles	5
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
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
GTIN	4048879823579
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
Diagnostics	

Status indication LED no

#### Installation | Connection

Stripping length (jacket) 100 mm  
 Tightening torque 0,6 Nm  
 Width across flats SW17

#### Installation | Pin assignment

Coding L

#### Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67  
 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

Coating locking Nickerled  
 Material gasket FKM  
 Material housing PUR  
 Locking material Zinc die-casting

#### Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

#### Environmental characteristics | Climatic

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

#### Conformity

Product standard IEC 61076-2-111

#### Installation | Cable

Cable identification U0D  
 Jacket Color yellow  
 Type of Certificate cURus  
 Amount stranding 1  
 Stranding 5 wires around Filler twisted  
 Banding Foil  
 Filler yes  
 wire arrangement brown, black, blue, white, gray  
 Cable weight 144,1 g/m  
 Material jacket TPE  
 Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  
 Outer-diameter (jacket) 9,78 mm  
 Tolerance outer diameter (sheath) ± 5 %  
 Material wire insulation PVC  
 Amount wires 5  
 Outer diameter insulation 2,62 mm  
 Outer diameter tolerance core insulation ± 5 %  
 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  
 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 $\Omega$ /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 § 1090   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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio.