

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

TPE 5x16AWG ye UL/CSA, TC-ER, IEC 2m

USA

Power

Female straight

M12, 5-pole

L-coded

without cable sleeves

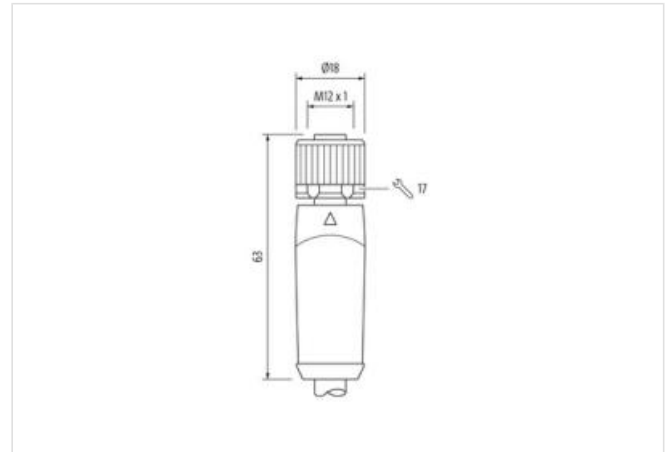
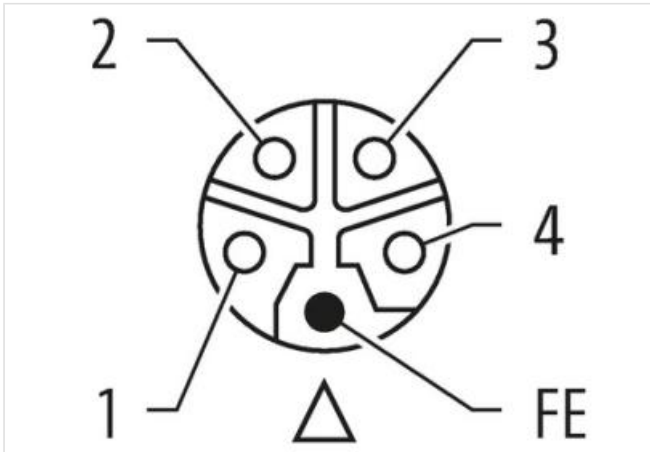
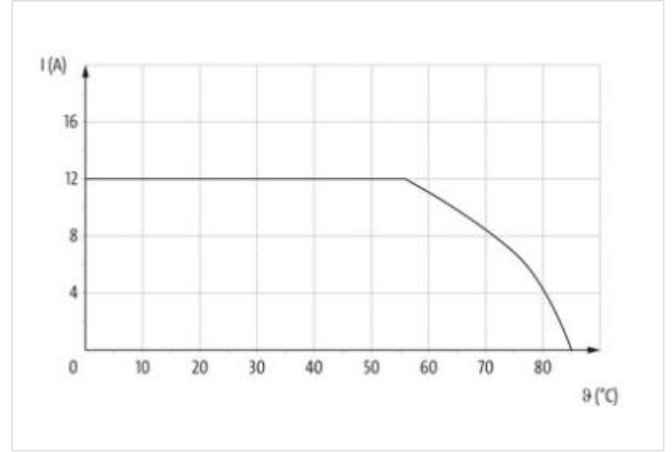
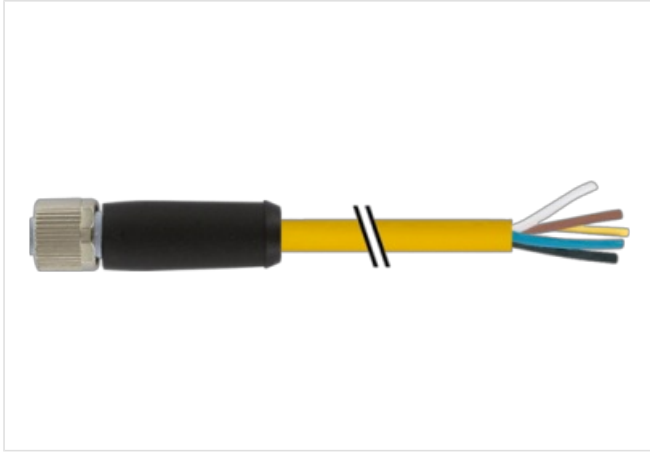
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

Ürün Linki

örnekleme





Ürün Image farklı olabilir



Cable length 2 m

Side 1

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
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

Ticari bilgiler

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
GTIN	4065909016350
Gümrük tarife no (gtip)	85444290
Paket miktarı	1

Electrical data | Supply

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

Diagnostics

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.
Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalî sınırlıdır. Sürüm: 2024-06-03

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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

Important installation notes

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

Conformity

Product standard IEC 61076-2-111

Installation | Cable

wire arrangement brown, black, blue, white, gray
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) $\pm 5\%$
Material wire insulation PVC
Amount wires 5
Outer diameter insulation 2,62 mm
Outer diameter tolerance core insulation $\pm 5\%$
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 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 § 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
No. of bending cycles (C-track)	2 Mio.