

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

TPE 4x14AWG ye UL/CSA, TC-ER, IEC 10m

USA

Power

Male straight

M12, 4-pole

L-coded

without cable sleeves

Cable is approved for 600 V

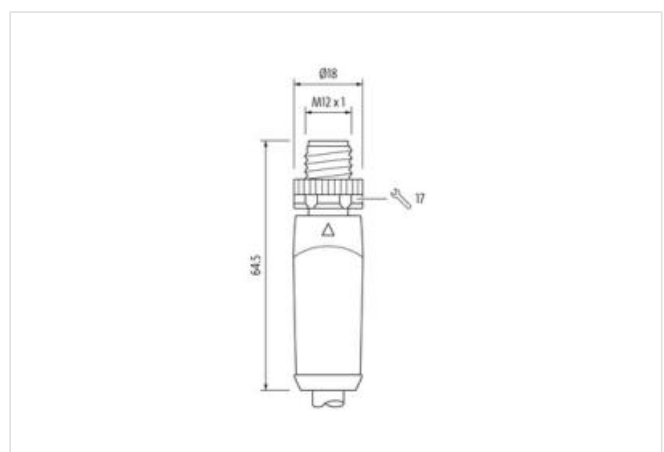
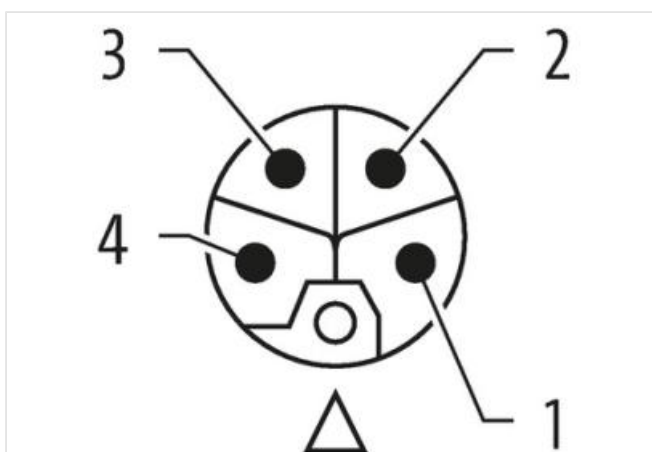
Plastic housings with good resistance against chemicals and oils.

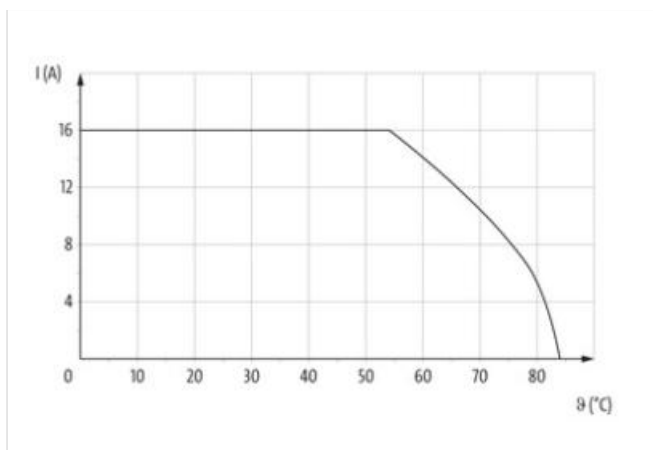
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Länk till produkt](#)

Illustration





Produkten kan skilja sig från bilden



Cable length 10 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
Coding	L
Material contact	Copper alloy
No. of poles	4

Side 2

Stripping length (jacket) 100 mm

Kommersiella uppgifter

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
Förpackningsenhet	1
GTIN	4048879855150
Kundens tullnummer	85444290

Electrical data | Supply

Operating voltage DC max.	63 V
Current operating per contact max.	16 A

Diagnostics

Status indication LED	no
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Installation | Connection

Stripping length (jacket)	100 mm
Width across flats	SW17
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	Nickeled
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	U0N
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires with 5 Filler twisted
Banding	Fleece
Filler	yes
wire arrangement	brown, black, blue, white
Cable weight	176 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,65 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	2,95 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	105
Diameter of single wires	14 AWG
Conductor crosssection (wire)	14 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	12 A
Electrical resistance line constant wire	8,6 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	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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.