

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

TPE 4x16AWG ye UL/CSA, TC-ER, IEC 10m

USA

Power

Male straight

M12, 4-pole

L-coded

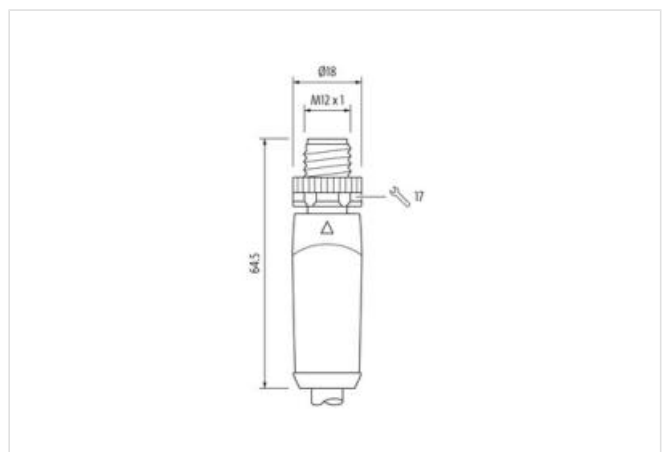
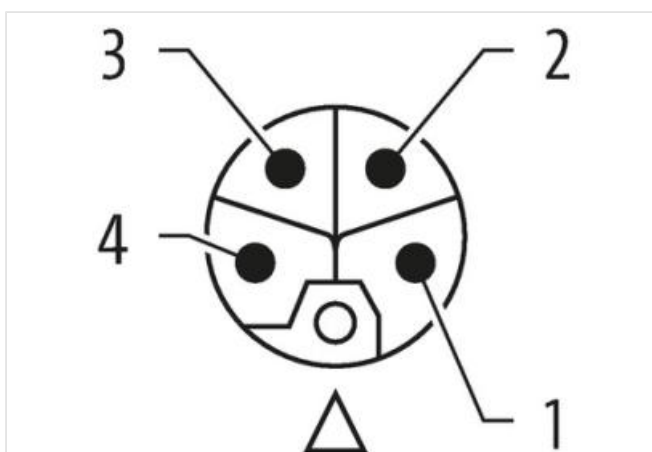
without cable sleeves

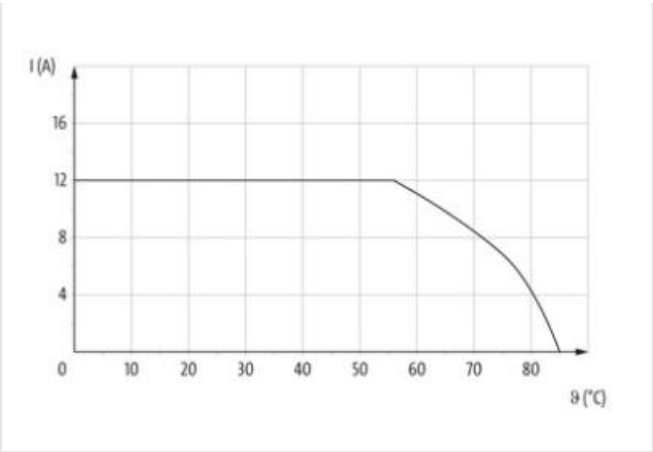
Cable is approved for 600 V

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.

[Link to Product](#)**Illustration**



Product may differ from Image



| | |
|-------------------------------------------|--------------------|
| 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 |
| 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 | 4048879850803 |
| 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 |
| 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 | U0C |
| Jacket Color | yellow |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 4 wires with 5 Filler twisted |
| Banding | Foil |
| Filler | yes |
| wire arrangement | brown, black, blue, white |
| Cable weight | 117,7 g/m |
| Material jacket | TPE |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 9,02 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| Amount wires | 4 |
| 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 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 |

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|--------------------------------------|------------------------------------------------------|
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 90 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| 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. |