

**M12 male 0° A-cod. / MSUD valve plug A-18mm**

PUR 5x0.34 bk UL/CSA+robot+drag ch. 5m

**MSUD**

Form A (18 mm) – M12, male straight

24 V DC  $\pm 25\%$ 

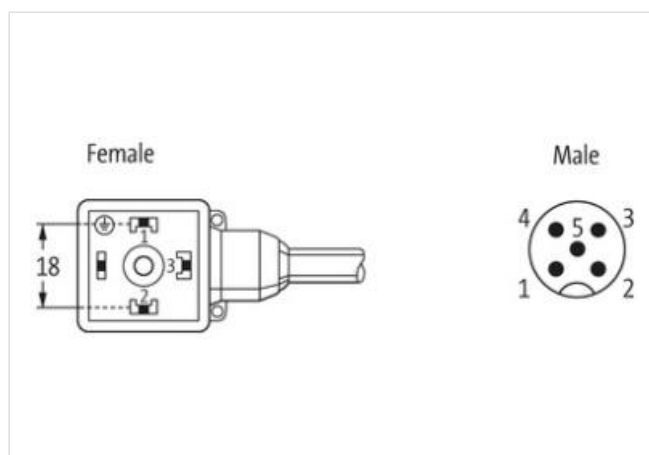
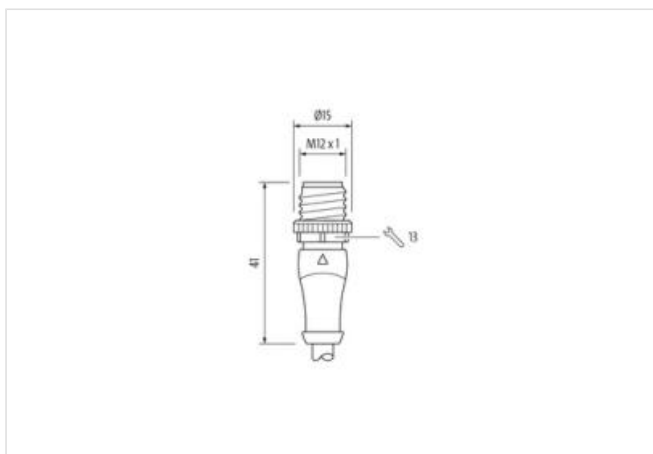
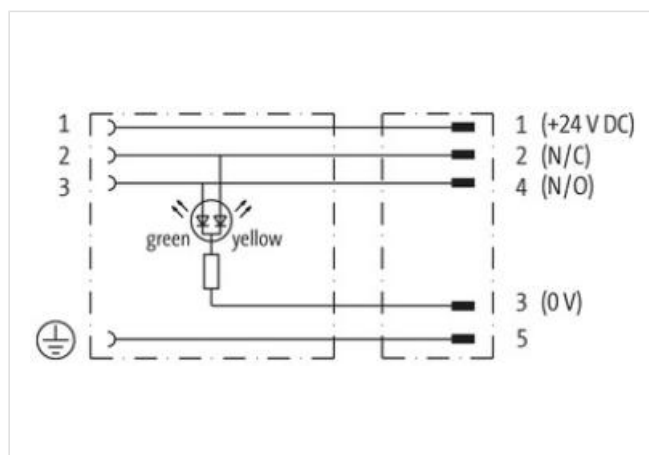
LED (yellow/green)

for pressure switches

Further cable lengths on request.

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.

[Linkki tuotteeseen](#)**Kuvat**



Tuote voi erota kuvassa olevasta



|                                           |               |
|-------------------------------------------|---------------|
| Cable length                              | 5 m           |
| Side 1                                    |               |
| Tightening torque                         | 0,4 Nm        |
| Family construction form                  | MSUD          |
| Thread                                    | M3            |
| Material                                  | PUR           |
| Degree of protection (EN IEC 60529)       | IP67          |
| Side 2                                    |               |
| Tightening torque                         | 0,6 Nm        |
| Family construction form                  | M12           |
| Thread                                    | M12 x 1       |
| suitable for corrugated tube (internal Ø) | 10 mm         |
| Material                                  | PBT           |
| Width across flats                        | SW13          |
| Degree of protection (EN IEC 60529)       | IP67          |
| Kaupalliset tiedot                        |               |
| ECLASS-6.0                                | 27279218      |
| ECLASS-7.0                                | 27279218      |
| ECLASS-8.0                                | 27279218      |
| ECLASS-9.0                                | 27060311      |
| ECLASS-10.1                               | 27060312      |
| ECLASS-11.1                               | 27060312      |
| ECLASS-12.0                               | 27060312      |
| ETIM-5.0                                  | EC001855      |
| GTIN                                      | 4048879592147 |
| Pakkauskoko                               | 1             |
| Tullinumero                               | 85444290      |
| Electrical data   Supply                  |               |
| Operating voltage DC                      | 24 V          |
| Operating voltage DC min.                 | 18 V          |
| Operating voltage DC max.                 | 30 V          |
| Current operating per contact max.        | 4 A           |

Current consumption max. 15 mA

Diagnostics

Status indication LED green, yellow

Device protection | Electrical

Additional condition protection degree inserted, screwed

Pollution Degree 3

Rated surge voltage 0,8 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking safe-cover coated

Color housing black

Material gasket PUR

Material housing Plastic

Locking material Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Installation | Cable

Cable identification 655

Cable Type 5

Jacket Color black

Type of Certificate cURus

Amount stranding 1

Stranding 5 wires around Core filler twisted

Filler yes

wire arrangement brown, black, blue, white, green-yellow

No. of bending cycles (C-track) 10 Mio. @ 25 °C

Cable weighth 41,8 g/m

Material jacket PUR

Shore hardness jacket 58 ± 3 Shore D

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Outer-diameter (jacket) 5 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PP

Amount wires 5

Outer diameter insulation 1,25 mm

Outer diameter tolerance core insulation ± 5 %

Shore hardness wire insulation 74 ± 3 Shore D

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount strands (wire) 42

Diameter of single wires 0,1 mm

Conductor crossection (wire) 0,34 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Traversing distance (C-track) 5 m @ 25 °C | horizontal

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 4,5 A

Electrical resistance line constant wire 60 Ω/km @ 20 °C

Nominal voltage power AC max. 300 V

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s                                        |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s                                        |
| Min. operating temperature (static)                     | -40 °C                                               |
| Max. operating temperature (fixed)                      | 80 °C / 90 °C @ 10000 h Operation                    |
| Operating temperature min. (dynamic)                    | -25 °C                                               |
| Operating temperature max. (dynamic)                    | 80 °C / 90 °C @ 10000 h Operation                    |
| UV resistance                                           | DIN EN ISO 4892-2 A                                  |
| 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                                          | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                                  | 5 x Outer diameter                                   |
| Bending radius (dynamic)                                | 10 x Outer diameter                                  |
| No. of torsion cycles                                   | 1 Mio.                                               |
| Torsion speed                                           | 35 cycles/min                                        |
| Torsion stress                                          | ± 360 °/m                                            |