

MVP12, 8XM12, 4POLE, PLUGGABLE CABLE

3.0m PUR/PVC 8x0,34+3x0,75

Further cable lengths on request.
8-way, 4-pole
Plastic housings with good resistance against chemicals and oils.
PUR/PVC
The resistance to aggressive media should be individually tested for your application. Further details on request.
3.0 m
with LED for digital PNP-signals 24 V DC

Link to Product

Illustration



Product may differ from Image



| Commercial data | |
|------------------------------------|---------------|
| ECLASS-6.0 | 27279219 |
| ECLASS-6.1 | 27279219 |
| ECLASS-7.0 | 27279219 |
| ECLASS-8.0 | 27279219 |
| ECLASS-9.0 | 27440108 |
| ECLASS-10.1 | 27440108 |
| ECLASS-11.1 | 27440108 |
| ECLASS-12.0 | 27440108 |
| ETIM-5.0 | EC002585 |
| customs tariff number | 85369010 |
| GTIN | 4048879064583 |
| Packaging unit | 1 |
| 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 |

Total current max. 8 A

Industrial communication

Number of signals per port 1

Installation | Connection

Tightening torque 0,6 Nm

Mounting set M12 x 1

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67

Additional condition protection degree inserted, screwed

Device protection | Media

Flame resistance flame retardant

Mechanical data | Material data

Material housing PBT

Mechanical data | Mounting data

Height 150 mm

Width 50,2 mm

Depth 17 mm

Environmental characteristics | Climatic

Operating temperature min. -20 °C

Operating temperature max. 80 °C

Additional condition temperature range depending on cable quality

Installation | Cable

STOOW style jacket Hybrid, Signal, Power

Cable identification 362

Cable Type 2

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 2 wires with Filler twisted

Amount stranding (type 2) 1

Stranding (type 2) 9 wires around Stranding combination twisted

Filler yes

wire arrangement white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)

Cable weight 115,5 g/m

Material jacket PUR

Shore hardness jacket 87 ± 5 Shore A

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

Outer-diameter (jacket) 8,1 mm

Tolerance outer diameter (sheath) ± 5 %

Material inner jacket PVC

Color (inner jacket) gray

Material wire insulation PVC

Amount wires 8

Outer diameter insulation 1,3 mm

Outer diameter tolerance core insulation ± 5 %

Shore hardness wire insulation 43 ± 5 Shore D

Material properties wire insulation good machinability

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

Amount strands (wire) 19

Diameter of single wires 0,15 mm

Conductor crosssection (wire) 0,34 mm²

| | |
|---|--|
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) | 3 |
| Material wire insulation (Power) | PVC |
| Outer diameter wire insulation (Power) | 1,8 mm |
| Tolerance outer diameter wire insulation (Power) | ±5 % |
| Shore hardness wire insulation (Power) | 43±5 Shore D |
| Material properties wire insulation (Power) | good machinability |
| Ingredient freeness wire insulation (Power) | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands wire (Power) | 24 |
| Diameter of single wires (Power) | 0,2 mm |
| Wire conductor cross section (Power) | 0,75 mm² |
| Material conductor wire (Power) | Stranded copper wire, bare |
| Conductor type wire (Power) | Strand class 5 |
| Max. rated voltage (conductor - conductor) | 300 V |
| Max. rated voltage (conductor - ground) | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4 A |
| Loop resistance | 7,8 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Electrical resistance coating wire (Power) | 26 Ω/km @20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 |
| 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 |
| Travel speed (C-track) | 2 Mio. @ 25 °C |

Connection type 2

| | |
|--------------------------|----------------|
| Family construction form | free cable end |
| Color contact carrier | gray |
| No. of poles | 11 |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 4 |
| PIN 1 | + |
| PIN 2 | n.c. |
| PIN 3 | - |
| PIN 4 | NO S 1 |
| PIN 5 | PE |