

PASSIVE-DI0° PLASTIC,6XM12.4POL.,PRE-WIRED CABLE

10.0m PUR-JB 6\*0,34+3\*0,75

6-way, 4-pole  
PUR/PVC  
10.0 m  
with LED for digital PNP-signals 24 V DC  
Further cable lengths on request.  
Plastic housings with good resistance against chemicals and oils.

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                           | 85444290   |
| GTIN  | 4048879062831  |
| Packaging unit                                  | 1  |
| <b>Electrical data   Supply</b>                 |  |
| Operating voltage DC                            | 24 V   |
| Current operating per contact max.              | 4 A  |
| Total current max.                              | 10 A   |
| <b>Industrial communication</b>                 |  |
| Number of signals per port                      | 1  |
| <b>Installation   Connection</b>                |  |
| Mounting set                                    | M12 x 1  |
| <b>Device protection   Electrical</b>           |  |
| Degree of protection (EN IEC 60529)             | IP67   |
| Additional condition protection degree          | inserted, screwed  |
| <b>Mechanical data   Mounting data</b>          |  |
| Mounting method                                 | Schraubgewinde   |
| Height  | 100,5 mm   |
| Width   | 54,5 mm  |
| Depth   | 25 mm  |
| <b>Environmental characteristics   Climatic</b> |  |
| Operating temperature min.                      | -20 °C   |
| Operating temperature max.                      | 80 °C  |
| <b>Installation   Cable</b>                     |  |
| Cable identification                            | 355  |
| Cable Type                                      | 2  |
| Jacket Color                                    | gray   |
| Type of Certificate                             | cURus  |
| STOOW style jacket                              | Hybrid, Signal, Power  |
| Amount stranding                                | 1  |
| Stranding                                       | 9 wires around Core filler twisted                               |
| Cable shielding (type)                          | copper braiding, bare  |
| Cable shielding (coverage)                      | 85 %   |
| Filler  | yes  |
| wire arrangement                                | white, green, yellow, gray, pink, red, green-yellow, brown, blue |
| Cable weight                                    | 124,3 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)                         | 8,5 mm   |
| Tolerance outer diameter (sheath)               | ± 5 %  |
| Material inner jacket                           | PVC  |
| Color (inner jacket)                            | gray   |
| Material wire insulation                        | PVC  |
| Amount wires                                    | 6  |
| 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                                       |
| 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)                       | 42   |
| Diameter of single wires (Power)                  | 0,15 mm  |
| Wire conductor cross section (Power)              | 0,75 mm²   |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | strand class 6                                       |
| Traversing distance (C-track)                     | 5 m @ 25 °C  |
| Travel speed (C-track)                            | 3  |
| 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  |
| 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  |
| Loop resistance                                   | 7,8 A  |
| 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   UL 1581 § 1100 FT2   IEC 60332-2-2  |
| 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 bending cycles (C-track)                   | 2 Mio. @ 25 °C                                       |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 9              |
| 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             |