

PASSIVE-DI0° PLASTIC,8XM12.4POL.,PRE-WIRED CABLE

15.0m PUR-JB 8\*0,34+3\*0,75

8-way, 4-pole  
PUR/PVC  
15.0 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  | 4048879062787   |
| 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  | 127,5 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                            | 362   |
| Cable Type                                      | 2   |
| Jacket Color                                    | gray  |
| Type of Certificate                             | cURus   |
| STOOW style jacket                              | Hybrid, Signal, Power   |
| 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) |
| No. of bending cycles (C-track)                 | 2 Mio. @ 25 °C  |
| 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 mm <sup>2</sup>                                 |
| 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 wires (Power)                                    | 3  |
| Amount strands wire (Power)                             | 24   |
| Diameter of single wires (Power)                        | 0,2 mm   |
| Wire conductor cross section (Power)                    | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire (Power)                         | Stranded copper wire, bare                           |
| Conductor type wire (Power)                             | Strand class 5                                       |
| Traversing distance (C-track)                           | 5 m @ 25 °C  |
| 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                                       |
| Loop resistance   | 7,8 A  |
| Max. rated voltage power (conductor - ground)           | 300 V  |
| Max. rated voltage power (conductor - conductor)        | 300 V  |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 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                                  |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| 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             |