

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

3.0m PUR-JB 6\*0,34+3\*0,75

6-way, 4-pole

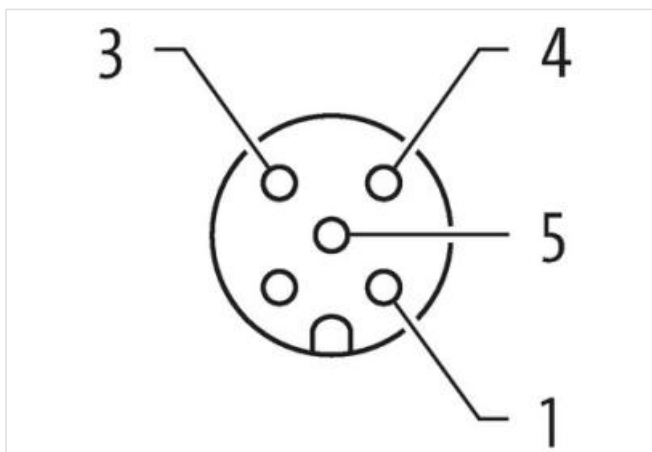
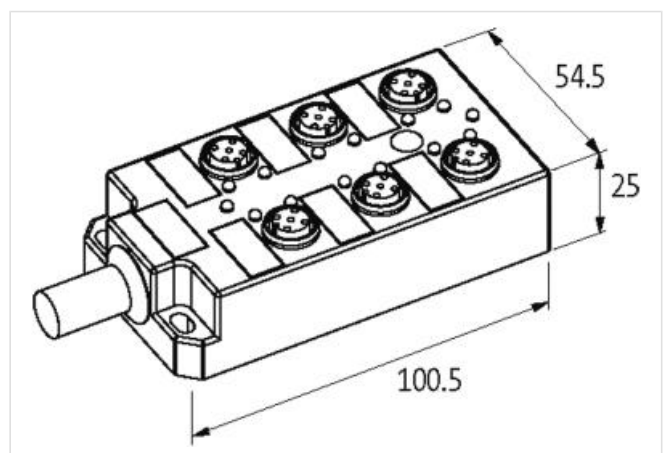
PUR/PVC

3.0 m

with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

**[Länk till produkt](#)****Illustration**

Produkten kan skilja sig från bilden

**Kommersiella uppgifter**

|             |          |
|-------------|----------|
| 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                                                         |
| Förpackningsenhet                               | 1                                                                |
| GTIN                                            | 4048879062855                                                    |
| Kundens tullnummer                              | 85444290                                                         |
| <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 |
| No. of bending cycles (C-track)                 | 2 Mio. @ 25 °C                                                   |
| 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 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)                             | 42                                                   |
| Diameter of single wires (Power)                        | 0,15 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 6                                       |
| 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   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                                  |

**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             |