

50m cable ring PUR 16x0.34+3x0.75 GY hf

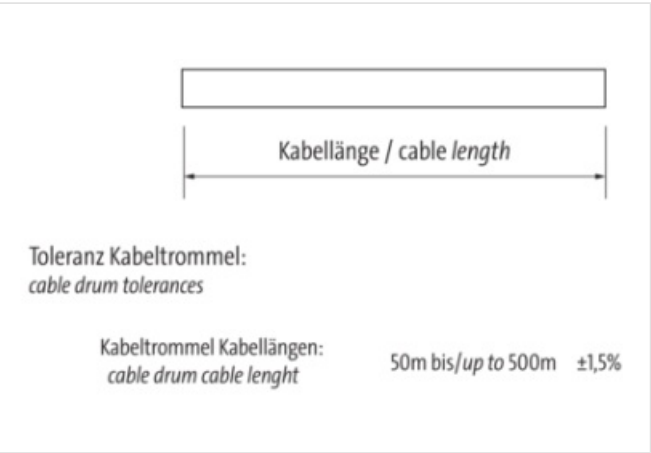
shielded, signals two-colored, drag chain

Art.No.: 8000-00000-4015000  
Weight: 9.630 kg  
Country of origin: IT  
Model designation: MVZ-L 50m 401

8-way distribution boxes M12, shielded  
16× 0.34 + 3× 0.75 mm²

Link to Product

Illustration



Product may differ from Image



Header

Material short text MVZ-L 50m 401

Commercial data

|               |                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop   | <a href="https://shop.murrelektronik.com/8000-00000-4015000">https://shop.murrelektronik.com/8000-00000-4015000</a> |
| GTIN          | 4048879057110                                                                                                       |
| ECLASS-6.0    | 27062011                                                                                                            |
| ECLASS-6.1    | 27061801                                                                                                            |
| ECLASS-7.0    | 27061801                                                                                                            |
| ECLASS-7.1    | 27061801                                                                                                            |
| ECLASS-8.0    | 27061801                                                                                                            |
| ECLASS-8.1    | 27061801                                                                                                            |
| ECLASS-9.0    | 27061801                                                                                                            |
| ECLASS-9.1    | 27061801                                                                                                            |
| ECLASS-10.0.1 | 27061801                                                                                                            |
| ECLASS-10.1   | 27061801                                                                                                            |
| ECLASS-11.0   | 27061801                                                                                                            |
| ECLASS-11.1   | 27061801                                                                                                            |
| ECLASS-12.0   | 27061801                                                                                                            |
| ECLASS-13.0   | 27061801                                                                                                            |
| ECLASS-14.0   | 27061801                                                                                                            |

|                       |               |
|-----------------------|---------------|
| ETIM-5.0              | EC001578      |
| ETIM-6.0              | EC001578      |
| customs tariff number | 85444995      |
| EAN                   | 4048879057110 |
| Packaging unit        | 1             |

| Installation   Cable                              |                                                                                                                                                                                      |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable identification                              | 401                                                                                                                                                                                  |
| Cable Type                                        | 3                                                                                                                                                                                    |
| Function cable                                    | Hybrid, Signal, Power                                                                                                                                                                |
| Stranding                                         | 1 × 3 wires stranded                                                                                                                                                                 |
| Amount stranding (type 2)                         | 1                                                                                                                                                                                    |
| Stranding (type 2)                                | 1 × 16 wires stranded around stranding combination                                                                                                                                   |
| Cable shielding (type)                            | copper braid, tinned                                                                                                                                                                 |
| Cable shielding (coverage)                        | 80 %                                                                                                                                                                                 |
| Banding                                           | Fleece                                                                                                                                                                               |
| Wire arrangement                                  | (brown, blue, green-yellow), gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white |
| Cable weight                                      | 216 g/m                                                                                                                                                                              |
| Material wire insulation                          | PP                                                                                                                                                                                   |
| Amount wires                                      | 16                                                                                                                                                                                   |
| Outer diameter insulation                         | 1,3 mm                                                                                                                                                                               |
| Outer diameter tolerance core insulation          | ± 0,05 mm                                                                                                                                                                            |
| Shore hardness wire insulation                    | 55 ± 5 Shore D                                                                                                                                                                       |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free                                                                                                            |
| Amount strands (wire)                             | 42                                                                                                                                                                                   |
| Diameter of single wires                          | 0,1 mm                                                                                                                                                                               |
| Conductor crosssection (wire)                     | 0,34 mm²                                                                                                                                                                             |
| Material conductor wire                           | Stranded copper wire, bare                                                                                                                                                           |
| Conductor type (wire)                             | strand class 6                                                                                                                                                                       |
| Electrical function wire                          | Signal                                                                                                                                                                               |
| Material wire insulation (type 2)                 | PP                                                                                                                                                                                   |
| Outer diameter wire insulation (type 2)           | 2,6 mm                                                                                                                                                                               |
| Tolerance outer diameter wire insulation (type 2) | ± 0,1 mm                                                                                                                                                                             |
| Shore hardness wire insulation (type 2)           | 55 Shore D ± 5 Shore D                                                                                                                                                               |
| Ingredient freeness wire insulation (type 2)      | lead-free, cadmium-free, CFC-free, halogen-free, LABS-free, silicone-free                                                                                                            |
| Amount wires (type 2)                             | 3                                                                                                                                                                                    |
| Amount strands wire (type 2)                      | 96                                                                                                                                                                                   |
| Diameter of single wires (type 2)                 | 0,1 mm                                                                                                                                                                               |
| Conductor crosssection wire (type 2)              | 0,75 mm²                                                                                                                                                                             |
| Material conductor wire (type 2)                  | Stranded copper wire, bare                                                                                                                                                           |
| Wire conductor type (type 2)                      | strand class 6                                                                                                                                                                       |
| Electrical function wire (type 2)                 | Power                                                                                                                                                                                |
| Outer-diameter (jacket)                           | 11,7 mm                                                                                                                                                                              |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                                                                                                                                |
| Material jacket                                   | PUR                                                                                                                                                                                  |
| Shore hardness jacket                             | 85 ± 3 Shore A                                                                                                                                                                       |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free                                                                                                                       |
| Material property (jacket)                        | abrasion-resistant, low adhesion, good machinability, matte                                                                                                                          |
| Conductor resistance (wire)                       | 53 Ω/km @ 20 °C                                                                                                                                                                      |
| Conductor resistance (wire type 2)                | 26 Ω/km @ 20 °C                                                                                                                                                                      |
| Max. rated voltage (conductor - ground)           | 300 V                                                                                                                                                                                |
| Max. rated voltage (conductor - conductor)        | 500 V                                                                                                                                                                                |
| Withstand voltage (wire - wire)                   | 2 kV @ 60 s                                                                                                                                                                          |

|                                          |                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Withstand voltage (wire - jacket)        | 2 kV @ 60 s                                                                                                                                                            |
| Withstand voltage (wire - shield)        | 2 kV @ 60 s                                                                                                                                                            |
| Current load capacity (standard)         | to DIN VDE 0298-4                                                                                                                                                      |
| Current load capacity max. (wire)        | 4 A                                                                                                                                                                    |
| Current load capacity max. Wire (type 2) | 12 A                                                                                                                                                                   |
| Operating temperature min. (static)      | -40 °C                                                                                                                                                                 |
| Operating temperature max. (static)      | 90 °C                                                                                                                                                                  |
| Operating temperature min. (dynamic)     | -40 °C                                                                                                                                                                 |
| Operating temperature max. (dynamic)     | 90 °C                                                                                                                                                                  |
| Operating temperature min. (drag chain)  | -40 °C                                                                                                                                                                 |
| Operating temperature max. (drag chain)  | 90 °C                                                                                                                                                                  |
| Flame resistance                         | IEC 60332-1-2, IEC 60332-2-2, UL 1581 § 1090, CSA FT2                                                                                                                  |
| Oil resistance                           | ISO 19642-3                                                                                                                                                            |
| Chemical resistance                      | ISO 19642-3                                                                                                                                                            |
| Other resistances                        | resistance to gasoline (ISO 19642-3), resistant to mineral oils, greases, machine and gear oils and cooling lubricants, resistant to hydrolysis, resistant to microbes |
| Bending radius (fixed)                   | 10 × Outer diameter                                                                                                                                                    |
| Bending radius (dynamic)                 | 12 × Outer diameter                                                                                                                                                    |
| No. of bending cycles (C-track)          | 5 Mio. @ 25 °C                                                                                                                                                         |
| Traversing distance (C-track)            | 1.8 m @ 25 °C   horizontal                                                                                                                                             |
| Travel speed (C-track)                   | 2 m/s @ 25 °C                                                                                                                                                          |
| Acceleration (C-track)                   | 5 m/s <sup>2</sup> @ 25 °C                                                                                                                                             |

#### Connection type 1

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 19             |
| Color contact carrier    | gray           |