





Ürün Image farklı olabilir



Cable length 3 m

#### Side 1

Family construction form M12

#### Ticari bilgiler

|                         |               |
|-------------------------|---------------|
| ECLASS-6.0              | 27061801      |
| ECLASS-6.1              | 27279218      |
| ECLASS-7.0              | 27279218      |
| ECLASS-8.0              | 27279218      |
| ECLASS-9.0              | 27060311      |
| ECLASS-10.1             | 27060311      |
| ECLASS-11.1             | 27060311      |
| ECLASS-12.0             | 27060311      |
| GTIN                    | 4048879914406 |
| Gümrük tarife no (gtip) | 85444290      |
| Paket miktarı           | 1             |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 30 V |
| Operating voltage DC max.          | 30 V |
| Current operating per contact max. | 2 A  |

#### Device protection | Electrical

|                     |        |
|---------------------|--------|
| Pollution Degree    | 3      |
| Rated surge voltage | 0,8 kV |

#### Environmental characteristics | Climatic

|  |                            |
|--|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

#### Important installation notes

|                        |   |
|------------------------|---|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

#### Installation | Cable

|   |  |
|---|--|
| wire arrangement                                  | brown, white, red, blue, pink, gray, yellow, green             |
| Cable identification                              | 377  |
| Cable Type  | 5  |
| Jacket Color                                      | gray   |
| Type of Certificate                               | cURus  |
| Amount stranding                                  | 1  |
| Stranding   | 8 wires around Core filler twisted                             |
| Filler  | yes  |
| wire arrangement                                  | brown, white, red, blue, pink, gray, yellow, green             |
| Cable weight                                      | 58,3 g/m   |
| Material jacket                                   | PUR  |
| Shore hardness jacket                             | 58 ± 3 Shore D   |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 6,2 mm   |
| Tolerance outer diameter (sheath)                 | ± 5 %  |
| Material wire insulation                          | PP   |
| Amount wires                                      | 8  |
| Outer diameter insulation                         | 1,25 mm  |
| Outer diameter tolerance core insulation          | ± 5 %  |
| Shore hardness wire insulation                    | 74 ± 3 Shore D   |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 42   |
| Diameter of single wires                          | 0,1 mm   |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>   |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6   |
| Nominal voltage AC max.                           | 300 V  |
| Current load capacity (standard)                  | to DIN VDE 0298-4  |
| Current load capacity min. wire                   | 4 A  |
| Electrical resistance line constant wire          | 60 Ω/km @ 20 °C  |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s  |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s  |
| Min. operating temperature (static)               | -40 °C   |
| Max. operating temperature (fixed)                | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)              | -25 °C   |
| Operating temperature max. (dynamic)              | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                            | 5 x Outer diameter   |
| Bending radius (dynamic)                          | 10 x Outer diameter  |
| No. of bending cycles (C-track)                   | 5 Mio. @ 25 °C   |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                                       |
| Travel speed (C-track)                            | 3,3 m/s @ 25 °C  |
| No. of torsion cycles                             | 1 Mio.   |
| Torsion stress                                    | ± 180 °/m  |
| Torsion speed                                     | 35 cycles/min  |