





실제 제품은 이미지와 다를 수 있습니다.



Cable length 3 m

**Side 1**

Mounting method inserted, screwed  
Coating contact gold plated  
Family construction form M12  
Material contact Copper alloy  
No. of poles 8

**Side 2**

Mounting method inserted, screwed  
Coating contact gold plated  
Family construction form M12  
Material contact Copper alloy  
No. of poles 8

**제품자료**

|             |               |
|-------------|---------------|
| ECLASS-6.0  | 27279218      |
| 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      |
| ETIM-5.0    | EC001855      |
| GTIN        | 4048879650137 |
| 세번부호        | 85444290      |
| 포장단위        | 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  |
| Material group (IEC 60664-1)                      | I   |
| <b>Environmental characteristics   Climatic</b>   |   |
| Operating temperature min.                        | -25 °C  |
| Operating temperature max.                        | 85 °C   |
| Additional condition temperature range            | depending on cable quality  |
| <b>Important installation notes</b>               |   |
| 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. |
| <b>Installation   Cable</b>                       |   |
| wire arrangement                                  | brown, white, red, blue, pink, gray, yellow, green  |
| Cable identification                              | 718   |
| Cable Type  | 3   |
| Jacket Color                                      | red   |
| 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                                      | 51,7 g/m  |
| Material jacket                                   | PUR   |
| Shore hardness jacket                             | 90 ± 5 Shore A  |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Outer-diameter (jacket)                           | 5,8 mm  |
| Tolerance outer diameter (sheath)                 | ± 5 %   |
| Material wire insulation                          | PP  |
| Amount wires                                      | 8   |
| Outer diameter insulation                         | 1,2 mm  |
| Outer diameter tolerance core insulation          | ± 5 %   |
| Shore hardness wire insulation                    | 70 ± 5 Shore D  |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Amount strands (wire)                             | 32  |
| Diameter of single wires                          | 0,1 mm  |
| Conductor crosssection (wire)                     | 0,25 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                   | 3 A   |
| Electrical resistance line constant wire          | 79 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                                  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2   |
| 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) | 10 Mio. @ 25 °C           |
| Traversing distance (C-track)   | 10 m @ 25 °C   horizontal |
| Travel speed (C-track)          | 3 m/s @ 25 °C             |
| No. of torsion cycles           | 2 Mio.                    |
| Torsion stress                  | ± 180 °/m                 |
| Torsion speed                   | 35 cycles/min             |