

**M12 male 0° / M12 female 0° A-cod. V4A**

PUR 4x0.34 bk UL/CSA 1m

**⚠ NOTICE ⚠****PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male straight – female straight

M12 – M12, 4-pole

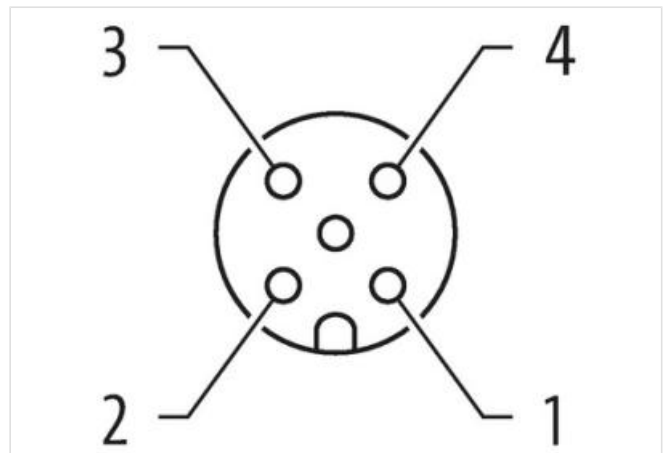
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Stainless steel 1.4404 (V4A)

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

**Link do produto****Ilustração**



Produto pode diferir da imagem



|   |                   |
|---|-------------------|
| Cable length                              | 1 m               |
| <b>Side 1</b>                             |                   |
| Tightening torque                         | 0,6 Nm            |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |

|                          |         |
|--------------------------|---------|
| <b>Side 2</b>            |         |
| Tightening torque        | 0,6 Nm  |
| Family construction form | M12     |
| Thread                   | M12 x 1 |
| Coding                   | A       |

|                          |               |
|--------------------------|---------------|
| <b>Dados comerciais</b>  |               |
| 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      |
| Classificação fiscal     | 85444290      |
| GTIN                     | 4048879110785 |
| Quantidade por embalagem | 1             |

|                                  |       |
|----------------------------------|-------|
| <b>Electrical data   Supply</b>  |       |
| Operating voltage AC max.        | 250 V |
| Operating voltage DC max.        | 250 V |
| Operating voltage AC (UL-listed) | 30 V  |
| Operating voltage DC (UL-listed) | 30 V  |

Current operating per contact max. 4 A

#### Device protection | Electrical

Pollution Degree 3  
 Rated surge voltage 2,5 kV  
 Material group (IEC 60664-1) I

#### Mechanical data | Material data

Material housing PUR  
 Locking material Stainless steel 1.4404 (V4A)

#### Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

#### Environmental characteristics | Climatic

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

#### Conformity

Product standard DIN EN 61076-2-101 (M12)

#### Cable

Cable identification 624  
 Cable Type 2 (PUR/PVC)  
 Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform  
 Cable weight [g/m] 42,68 g  
 Material wire Cu wire, bare  
 Resistor (core) max. 57 Ω/km (20 °C)  
 Single wire Ø (core) 0.1 mm  
 Construction (core) 42× 0.1 mm (multi-strand wire class 6)  
 Diameter (core) 4× 0.34 mm<sup>2</sup>  
 AWG similar to AWG 22  
 Material wire isolation PVC  
 Material property wire insulation CFC-, cadmium-, silicone- and lead-free  
 Shore hardness wire isolation 43 ±5 D  
 Wire-Ø incl. isolation 1.25 mm ±5%  
 Color/numbering of wires br, bk, bl, wh  
 Stranding combination 4 wires twisted  
 Shield no  
 Material jacket PUR/PVC  
 Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant  
 Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)  
 Outer-Ø (jacket) 4.6 mm ±5%  
 Color jacket black  
 chemical resistance good resistance to oil, gasoline and chemicals  
 Nominal voltage UL 300 V AC  
 Test voltage 2000 V AC  
 Current load capacity to DIN VDE 0298-4  
 Temperature range (fixed) -30...+80 °C  
 Temperature range (mobile) -5...+80 °C  
 Bending radius (fixed) 10× outer Ø  
 Bending radius (dynamic) 15× outer Ø  
 No. of bending cycles (C-track) max. 2 Mio. (25 °C)  
 Travel speed (C-track) max. 3.3 m/s  
 Acceleration (C-track) max. 5 m/s<sup>2</sup>