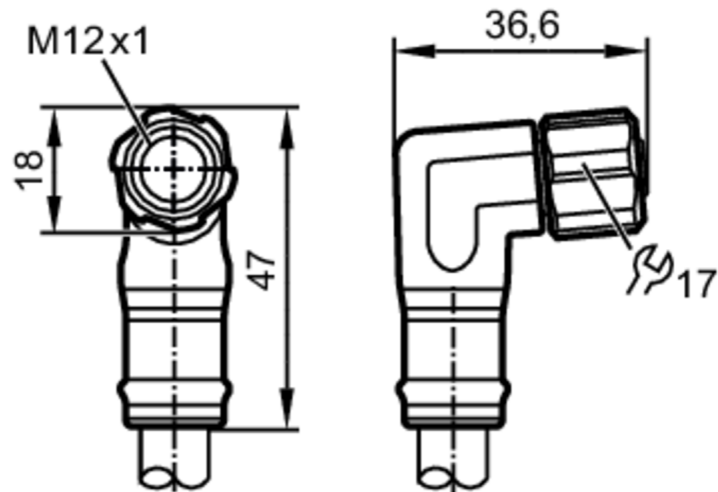




Female cordset

ADOAE050MSS0050H05



| Application   |      |  |
|---|------|--|
| System  |      | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Design  |      | Power cable, L-coded   |
| Application   |      | Industrial applications  |
| Free from silicone  |      | yes  |
| Electrical data   |      |  |
| Operating voltage   | [V]  | 63 DC  |
| Protection class  |      | III  |
| Max. current load total   | [A]  | 16   |
| Operating conditions  |      |  |
| Ambient temperature   | [°C] | -25...90   |
| Note on ambient temperature                                     |      | cULus: ...80 °C  |
| Storage temperature   | [°C] | -25...55   |
| Storage humidity  | [%]  | 10...100   |
| Other climatic conditions for storage according to stated class |      | 1K22/ DIN 60721-3-1  |
| Protection  |      | IP 65; IP 67; IP 69K   |
| Mechanical data   |      |  |
| Weight  | [g]  | 9745.8   |
| Molded-body material  |      | TPU (urethane)   |
| Material nut  |      | brass, nickel-plated   |
| Sealing material  |      | FKM  |
| Drag chain suitability  |      | yes  |



Female cordset

ADOAE050MSS0050H05

|                        |  |  |
|------------------------|--|--|
| Drag chain suitability | Bending radius for flexible applications | min. 10 x cable diameter   |
|                        | Travel speed                             | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s² |
|                        | Bending cycles                           | > 5 Mio.   |
|                        | Torsional strain                         | ± 180 °/m  |

Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection - Connection

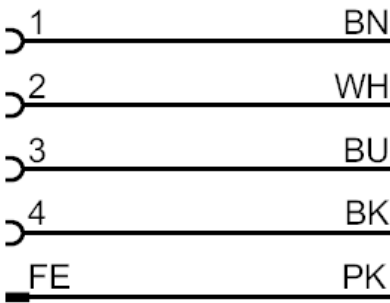
Cable: 50 m, PUR, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm² (141 x Ø 0.15 mm )

Electrical connection - Socket

Connector: 1 x M12, angled; coding: L; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM;  
Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm



Connection



Core colors :  
BK = black  
BN = brown  
BU = blue  
PK = pink  
WH = white