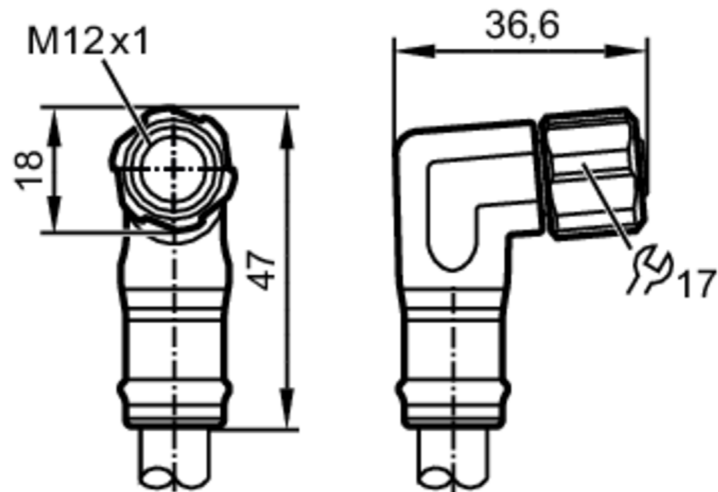




Female cordset

ADOAE050MSS0050H05



| Application                                                     |      |                                                                                |
|-----------------------------------------------------------------|------|--------------------------------------------------------------------------------|
| System                                                          |      | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Design                                                          |      | Power cable, L-coded                                                           |
| Application                                                     |      | Industrial applications; Oils and coolants                                     |
| 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

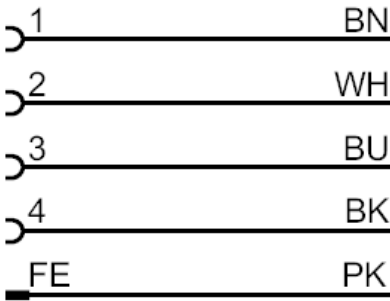
Cable: 50 m, PUR, Halogen-free, grey, Ø 10.1 mm; 5 x 2.5 mm² (141 x Ø 0.15 mm )

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         |