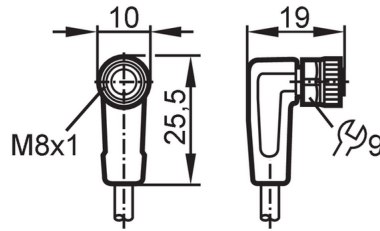




## Female cordset

ADOAF030SCS0005T03



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Application        | welding applications                                                           |
| Free from silicone | yes                                                                            |

## Electrical data

|                         |     |                   |
|-------------------------|-----|-------------------|
| Operating voltage       | [V] | < 50 AC / < 60 DC |
| Protection class        |     | III               |
| Max. current load total | [A] | 3                 |

## Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...90                    |
| Note on ambient temperature          |      | cULus: ...85 °C             |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...85 °C             |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                        |                                          |                                                                                    |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------|
| Weight                 | [g]                                      | 137.4                                                                              |
| Dimensions             | [mm]                                     | 19 x 10 x 25.5                                                                     |
| Molded-body material   |                                          | TPU (urethane)                                                                     |
| Material nut           |                                          | brass, weld coated                                                                 |
| Sealing material       |                                          | FKM                                                                                |
| Drag chain suitability |                                          | yes                                                                                |
| 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                           | > 2 Mio.                                                                           |
|                        | Torsional strain                         | ± 180 °/m                                                                          |

## Remarks

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



Female cordset

ADOAF030SCS0005T03

Electrical connection

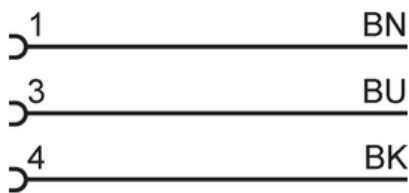
Cable: 5 m, PUR, Halogen-free, grey, Ø 4.5 mm; not irradiated (can be recycled); resistant to welding sparks; 3 x 0.25 mm² (32 x Ø 0.1 mm )

Electrical connection - Socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.3...0.5 Nm



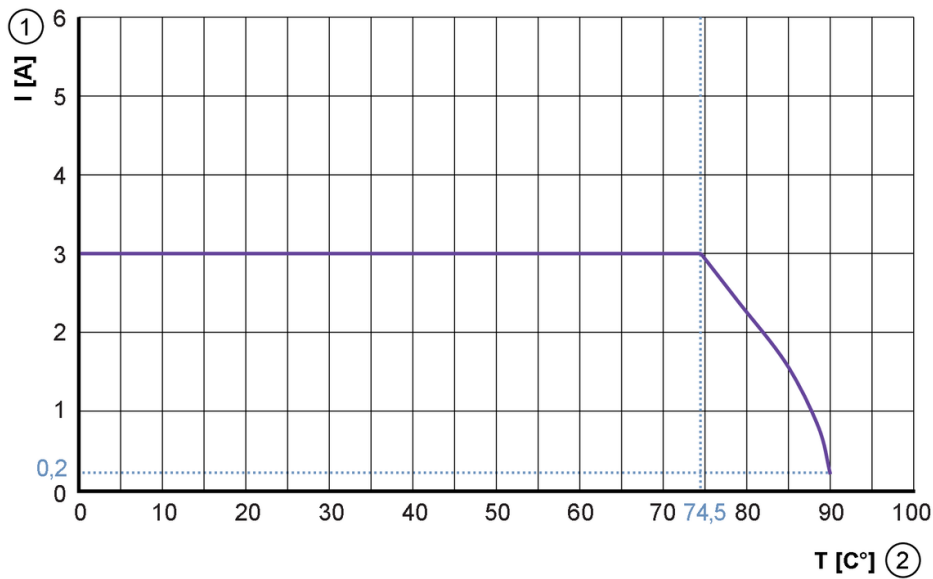
Connection



Core colors :  
BK = black  
BN = brown  
BU = blue

Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]