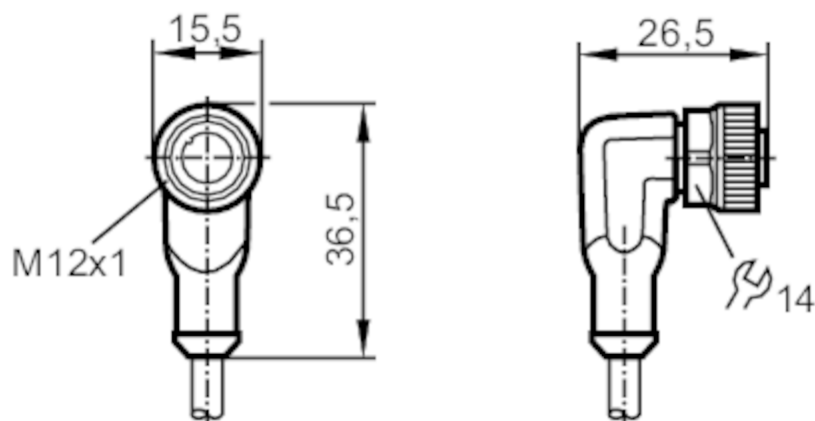


## Female cordset

ADOAH040MSS0025H04

Please see the technical note under "Downloads"



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| System             | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                                            |

## Electrical data

|                             |                     |
|-----------------------------|---------------------|
| Operating voltage [V]       | < 250 AC / < 300 DC |
| Protection class            | II                  |
| Max. current load total [A] | 4                   |

## Operating conditions

|                                                                 |                             |
|-----------------------------------------------------------------|-----------------------------|
| Ambient temperature [°C]                                        | -25...90                    |
| Note on ambient temperature                                     | cULus: ...75                |
| Ambient temperature (moving) [°C]                               | -25...90                    |
| Note on ambient temperature (moving)                            | cULus: ...75                |
| 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 68; IP 69K |

# EVC088



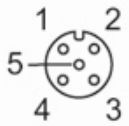
## Female cordset

ADOAH040MSS0025H04

| Mechanical data        |                                              |                                                                                                |
|------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                                          | 678.1                                                                                          |
| Dimensions             | [mm]                                         | 26.5 x 15.5 x 36.5                                                                             |
| Material               | housing: TPU (urethane) orange; sealing: FKM |                                                                                                |
| Material nut           | brass, nickel-plated                         |                                                                                                |
| 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/s <sup>2</sup> |
|                        | Bending cycles                               | > 5 Mio.                                                                                       |
|                        | Torsional strain                             | ± 180 °/m                                                                                      |

| Remarks       |                                                 |
|---------------|-------------------------------------------------|
| Notes         | Please see the technical note under "Downloads" |
| Pack quantity | 1 pcs.                                          |

| Electrical connection                                                                      |
|--------------------------------------------------------------------------------------------|
| Cable: 25 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |

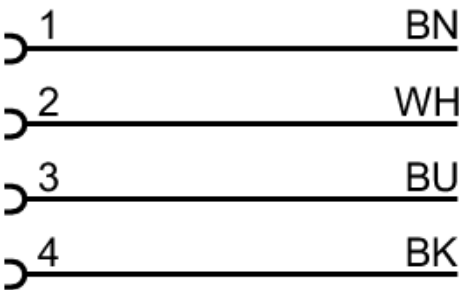
| Electrical connection - Socket                                                                                    |
|-------------------------------------------------------------------------------------------------------------------|
| Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |
|                                |



Female cordset

ADOAH040MSS0025H04

Connection



Core colors :

BK = black

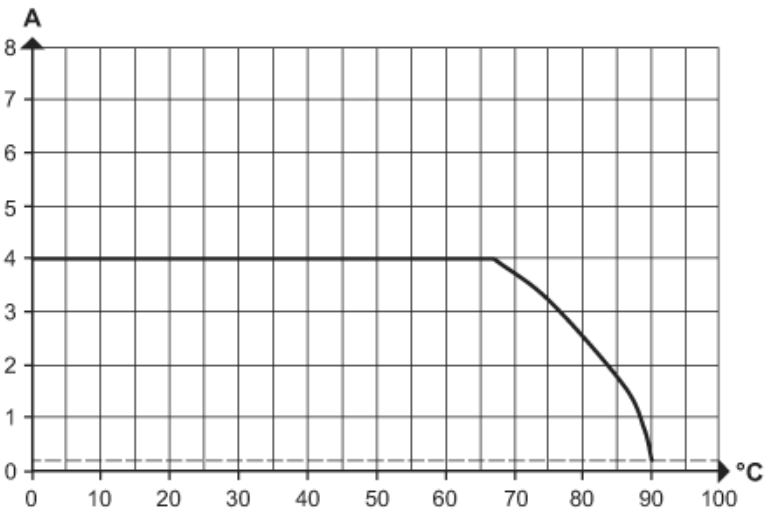
BN = brown

BU = blue

WH = white

Diagrams and graphs

Characteristic curve for derating



Derating  $I_{max} * 0.8$  (DIN EN 60512-5-2)

X Ambient temperature [°C]

Y Current [A]