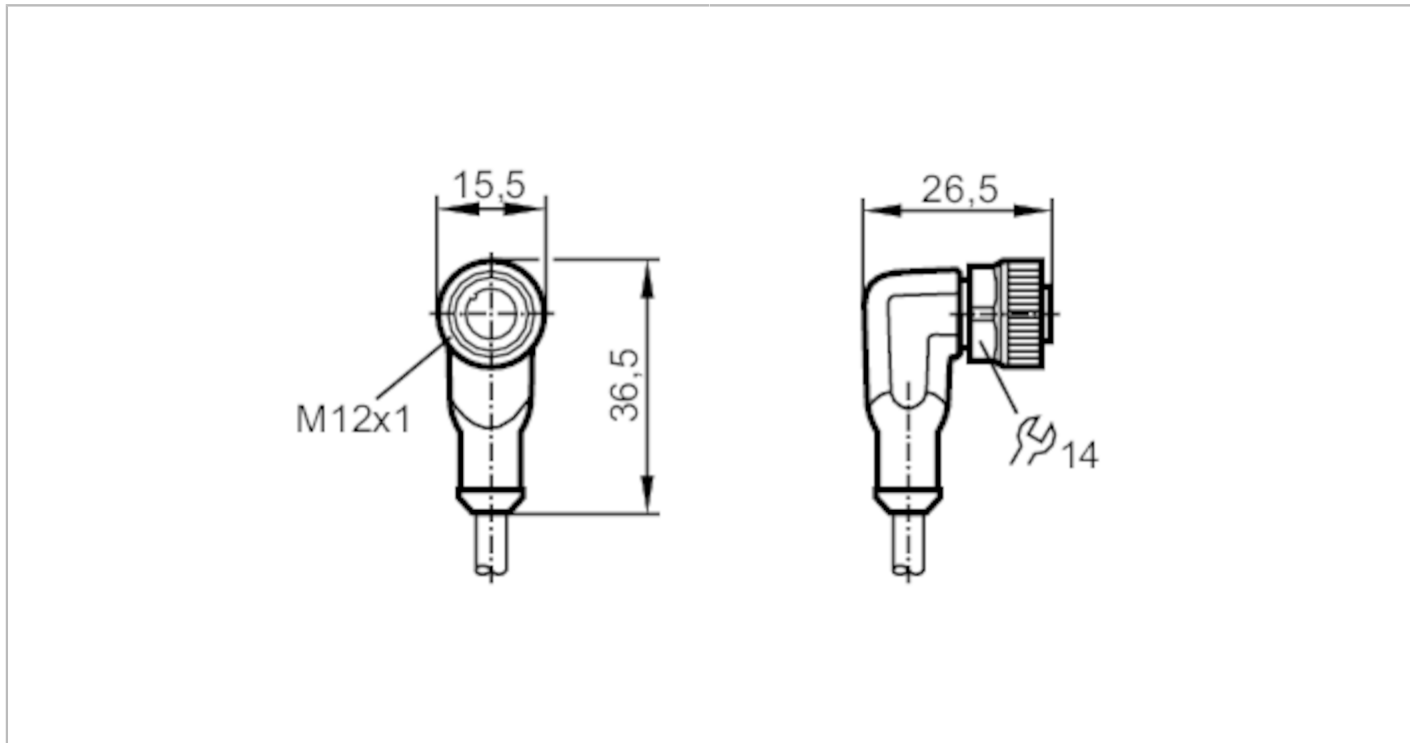


# EVC542



## Connecting cable with socket

ADOAH040MSS0005K04



| Application                          |                                   |  |
|--------------------------------------|-----------------------------------|--|
| Free from silicone                   | yes                               |  |
| Electrical data                      |                                   |  |
| Operating voltage [V]                | < 50 AC / < 60 DC                 |  |
| Protection class                     | III                               |  |
| 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                      |  |
| Protection                           | IP 65; IP 67                      |  |
| Mechanical data                      |                                   |  |
| Weight [g]                           | 211.5                             |  |
| Dimensions [mm]                      | 26.5 x 15.5 x 36.5                |  |
| Materials                            | housing: TPU orange; Sealing: FKM |  |
| Material nut                         | brass                             |  |
| Drag chain suitability               | bending radius for flexible use   | 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                    | ≥ 2 Mio.   |
|                                      | torsional strain                  | ± 180 °/m  |
| Drag chain suitability               | yes                               |  |

# EVC542



## Connecting cable with socket

ADOAH040MSS0005K04

### Remarks

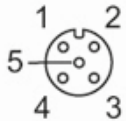
Pack quantity 1 pcs.

### Electrical connection

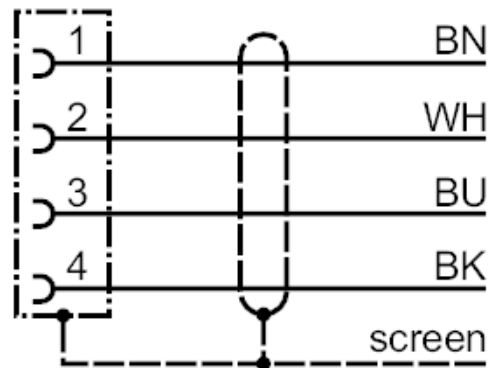
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - socket

Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



### Connection



Core colours :

BK = black  
BN = brown  
BU = blue  
WH = white

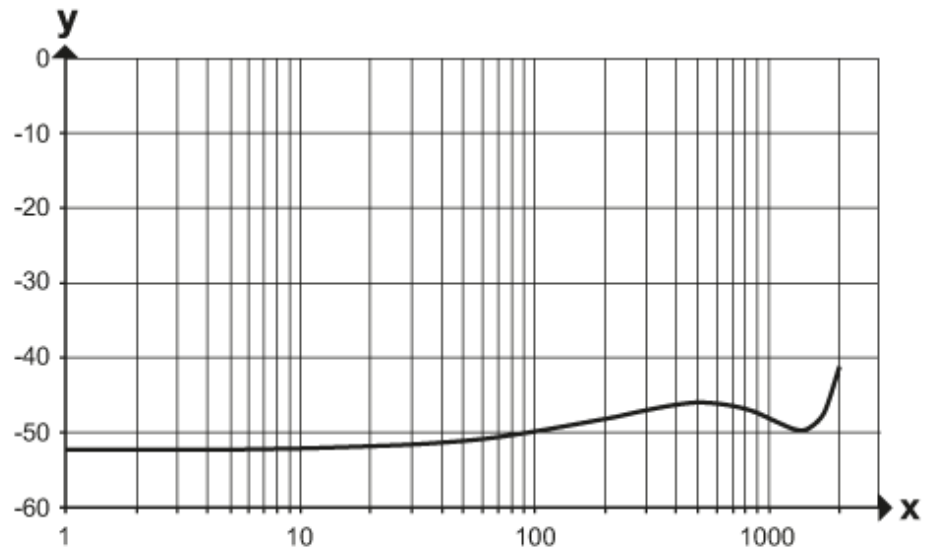


## Connecting cable with socket

ADOAH040MSS0005K04

### Diagrams and graphs

#### Shielding characteristics



x Frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3