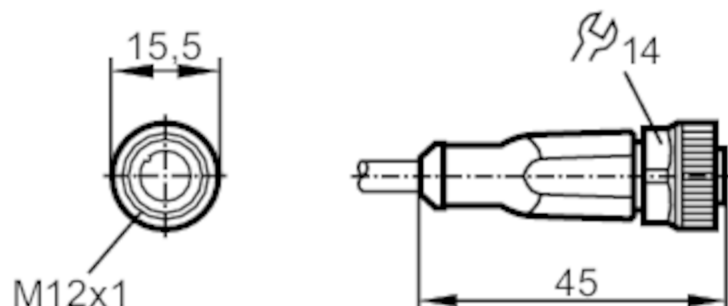


Connecting cable with socket

ADOGH050MSS0005K05



Application

| | |
|--------------------|--|
| Special feature | Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability |
| Free from silicone | yes |

Electrical data

| | | |
|-----------------------------|-----|-------------------|
| Operating voltage | [V] | < 30 AC / < 36 DC |
| Protection class | | III |
| Max. current load total | [A] | 4 |
| Overall current rating (UL) | [A] | 3 |

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] | 209.2 |
| Dimensions | [mm] | 15.5 x 15.5 x 45 |
| Materials | | housing: TPU orange; Sealing: FKM |
| Material nut | | brass, nickel-plated |
| Drag chain suitability | | yes |

EVC545



Connecting cable with socket

ADOGH050MSS0005K05

| | | |
|------------------------|---------------------------------|--|
| 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 ² |
| | bending cycles | ≥ 2 Mio. |
| | torsional strain | ± 180 °/m |

Remarks

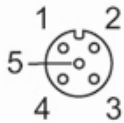
| | |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection

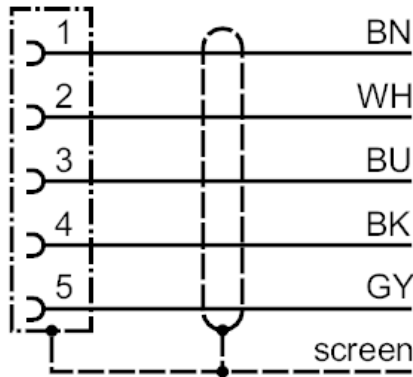
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; 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 |
| GY = | grey |
| WH = | white |

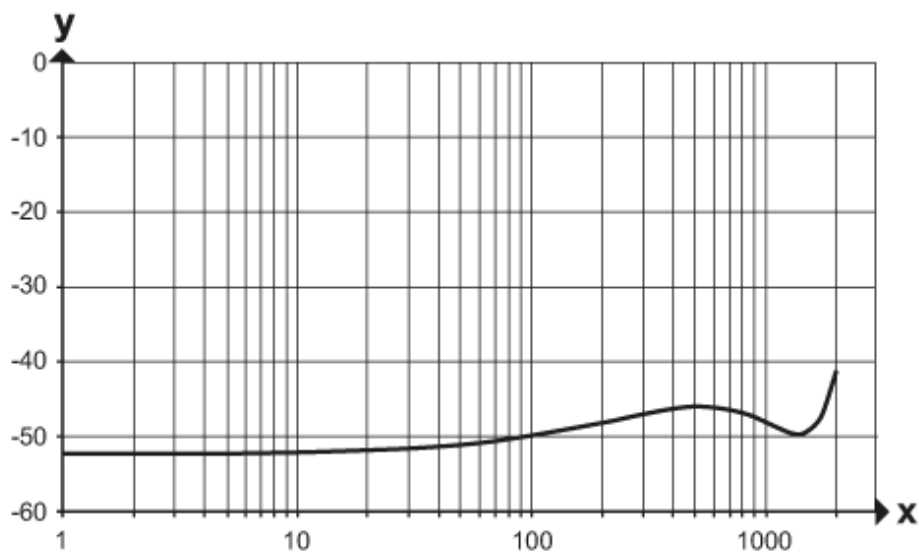


Connecting cable with socket

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Diagrams and graphs

Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3