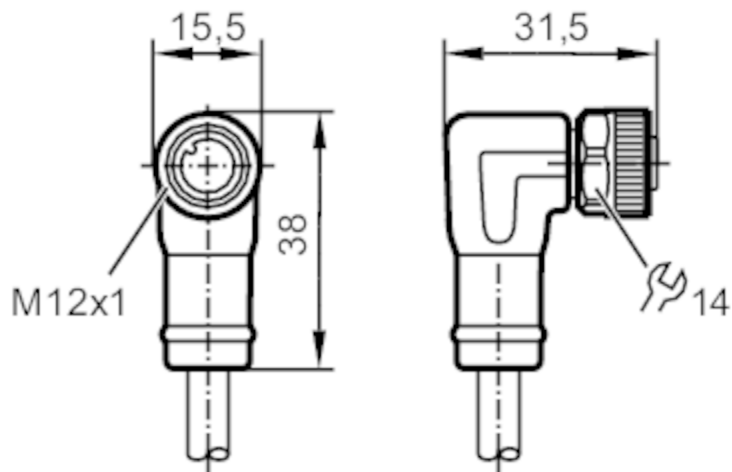


## Connecting cable with socket

ADOAH050MSD0005C05



| Application             |                                                                            |                                                                                    |
|-------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Special feature         | Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability |                                                                                    |
| Application             | CAN bus                                                                    |                                                                                    |
| Electrical data         |                                                                            |                                                                                    |
| Operating voltage       | [V]                                                                        | < 30 AC / < 36 DC                                                                  |
| Max. current load total | [A]                                                                        | 4                                                                                  |
| Operating conditions    |                                                                            |                                                                                    |
| Ambient temperature     | [°C]                                                                       | -25...80                                                                           |
| Protection              | IP 67; IP 68; IP 69K                                                       |                                                                                    |
| Mechanical data         |                                                                            |                                                                                    |
| Weight                  | [g]                                                                        | 510.4                                                                              |
| Moulded-body material   | TPU                                                                        |                                                                                    |
| Material nut            | brass, nickel-plated                                                       |                                                                                    |
| Sealing material        | FKM                                                                        |                                                                                    |
| Drag chain suitability  | yes                                                                        |                                                                                    |
| 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/s² |
|                         | bending cycles                                                             | > 5 Mio.                                                                           |
|                         | torsional strain                                                           | ± 180 °/m                                                                          |
| Remarks                 |                                                                            |                                                                                    |
| Pack quantity           | 1 pcs.                                                                     |                                                                                    |



## Connecting cable with socket

ADOAH050MSD0005C05

### Electrical connection

Cable: 5 m, PUR, Halogen-free, lilac, Ø 8.4 mm, shielded; RD / BK: 2 x 0.75 mm<sup>2</sup> (42 x Ø 0.15 mm ) + WH / BU: 2 x 0.5 mm<sup>2</sup> (19 x Ø 0.19 mm ) + screen: 1 x 0.75 mm<sup>2</sup> (42 x Ø 0.15 mm )

### Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU, black; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection



|          |                |
|----------|----------------|
|          | Core colours : |
| BK =     | black          |
| BU =     | blue           |
| RD =     | red            |
| WH =     | white          |
| screen = | screen         |