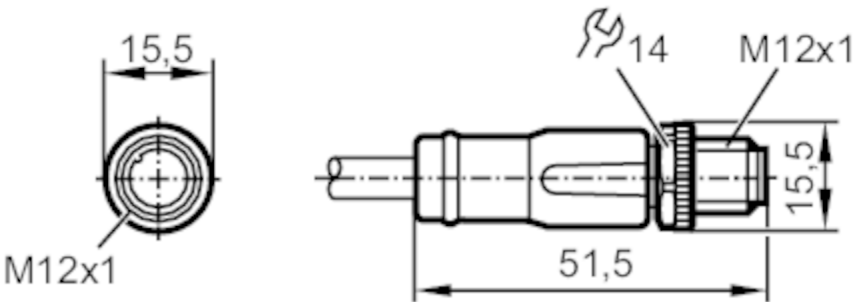




Connecting cable with plug

ASTGH050MSD0005C05



| 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                                                                           |
| 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 67; IP 68; IP 69K                                                       |                                                                                    |
| Mechanical data                                                 |                                                                            |                                                                                    |
| Weight                                                          | [g]                                                                        | 495.45                                                                             |
| Dimensions                                                      | [mm]                                                                       | 15.5 x 15.5 x 51.5                                                                 |
| Moulded-body material                                           | PUR                                                                        |                                                                                    |
| Material nut                                                    | brass, nickel-plated                                                       |                                                                                    |
| 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                                                                          |

# EVC944

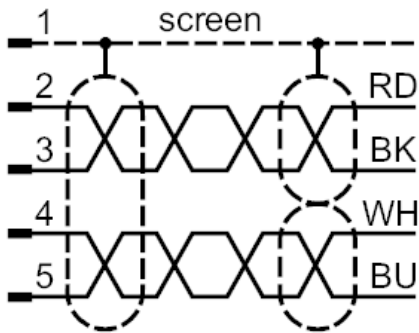


## Connecting cable with plug

ASTGH050MSD0005C05

| Remarks                                                                                                                                                                             |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Pack quantity                                                                                                                                                                       | 1 pcs. |
| Electrical connection                                                                                                                                                               |        |
| Cable: 5 m, PUR, Halogen-free, lilac, Ø 8.4 mm, shielded; RD / BK: 2 x 0.75 mm² (42 x Ø 0.15 mm ) + WH / BU: 2 x 0.5 mm² (19 x Ø 0.19 mm ) + screen: 1 x 0.75 mm² (42 x Ø 0.15 mm ) |        |
| Electrical connection - plug                                                                                                                                                        |        |
| Connector: 1 x M12, straight; coding: A; Moulded body: PUR, black; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm                            |        |
|                                                                                                                                                                                     |        |

### Connection



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