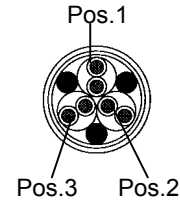


INTERBUS

1/1

Cable for fieldbus connection (Remote bus)

Data sheet



| Signal | Plug 9 poles (M23) | Socket 9 poles (M23) | Color |
|------------------------|-----------------------|-------------------------|-----------------|
| DO | Pin 1 | Pin 1 | yellow |
| $\overline{\text{DO}}$ | Pin 2 | Pin 2 | green |
| DI | Pin 3 | Pin 3 | grey |
| $\overline{\text{DI}}$ | Pin 4 | Pin 4 | pink |
| earth | Pin 5 | Pin 5 | brown |
| | Pin 9 | - | |
| screen | casing | casing | screen braiding |

| Description | Item-No. | Pack.-unit pcs |
|--|---|-------------------|
| Remote bus cable, M23 both ends are fitted, plug/socket | 755-312/000-xxx * | 1 |
| Remote bus cable, not fitted | 755-311/000-xxx * | 1 |
| * xxx = Cable length given in m | | |
| IINTERBUS cable (3 x 2 x 0.25) Additional characteristics: <ul style="list-style-type: none"> • Suitable for drag chains • Free of polybrominated diphenylether, halogen free • Meets INTERBUS specification | Technical Data | |
| | Structure: Conductor 32 x Ø 0.1 mm = 0.25 mm ² (AWG24) very fine wires Wire Insulation TPE Ø 1.3 mm 3 x twisted pair Pos.1 white+brown Pos.2 green+yellow Pos.3 grey+pink Screening C-Sreen tinned, coverage ≥ 80 % Bandage Textile fleece Outer jacket PUR dull, Ø 7.3 mm color: violet RAL 4001 Filler Polyester threads | |
| Electrical data: Nominal voltage ≤ 500 V Test voltage 1.2 kV _{rms} Resistance of conductor ≤ 96 Ω/km Insulation resistance ≥ 5000 Ω · km Operating capacity ≤ 60 nF/km (wire/wire) Wave impedance 100 Ω ± 15 % f>1 MHz | | |
| Mechanical data: Min. bending radius 80 mm Temperature range static -40 °C...+80 °C moved -5°C...+60 °C | | |
| Accessories for 755-311: M23-INTERBUS plug Item-No.: 755-831 M23-INTERBUS socket Item-No.: 755-832 | | |