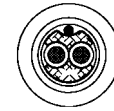


PROFIBUS DP

1/1

Cable for fieldbus connection

Data sheet



Function	Plug / Socket 5 poles (M12)	Color
line A	Pin 2	green
line B	Pin 4	red

Description	Item-No.	Pack.-unit pcs
PROFIBUS-cable, M12 both ends are fitted, plug/socket	755-302/000-xxx *	1
PROFIBUS-cable, not fitted	755-301/000-xxx *	1
* xxx = Cable length given in m		
<p>Identification: Li2Y-ST-VL-C-11YH</p> <p>Additional characteristics:</p> <ul style="list-style-type: none"> • Suitable for drag chains • Inflammability acc. to DIN VDE 0472-804 test type B • Free of halogen, silicone, PVC • Good resistance to oil, chemicals, hydrolysis and microbes • Meets PROFIBUS-DP specification 	<p>Technical Data</p> <p>Structure:</p> <p>Conductor 0.34 mm² (AWG22) fine wires acc. to VDE 0295 KL5</p> <p>Insulation of lead SKIN-PE</p> <p>Screening Al-Pt-foil</p> <p>Filler cord 0.34 mm² (AWG22) tin-coated, multi wires acc. to VDE 0295 KL2</p> <p>Screening C-Screen</p> <p>Outer jacket PUR dull, Ø 7.6^{+0.3} mm color: violet RAL 4008</p> <p>Electrical data:</p> <p>Nominal voltage ≤ 250 V</p> <p>Test voltage 2 kV_{rms}</p> <p>Resistance of conductor ≤ 60 Ω/km</p> <p>Insulation resistance ≥ 2.5 x 10⁹ Ω/km</p> <p>Operating capacity 25 pF/m 800 MHz (strand/strand)</p> <p>Impedance 160 Ω</p> <p>Damping 43.6 dB/km 16 MHz</p> <p>Mechanical data:</p> <p>Characteristic Suitable for drag chains</p> <p>Min. bending radius 70 mm</p> <p>Temperature range</p> <p>static -40 °C ... +80 °C</p> <p>moved -5 °C...+80 °C</p> <p>Accessories for 755-301:</p> <p>M12-PROFIBUS plug Item-No.: 755-801</p> <p>M12-PROFIBUS socket Item-No.: 755-802</p>	