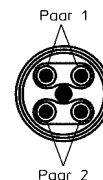


DeviceNet

1/2

Cable for fieldbus connection (Drop cable)

Data sheet



Signal	Plug 5 poles (M12)	Socket 5 poles (M12)	Color
screen	Pin 1	Pin 1	-
V +	Pin 2	Pin 2	red
V -	Pin 3	Pin 3	black
CAN_H	Pin 4	Pin 4	white
CAN_L	Pin 5	Pin 5	blue

Description	Item-No.	Pack.-unit pcs
DeviceNet drop cable, M12 both ends are fitted, plug/socket	755-332/000-xxx *	1
DeviceNet drop cable, not fitted	755-331/000-xxx *	1
* xxx = Cable length given in m		
1 x 2 x 22 AWG / 1 x 2 x 24 AWG	Technical Data	
Additional characteristics: <ul style="list-style-type: none"> Suitable for drag chains Inflammability acc. to DIN VDE 0472-804 test type B Free of halogen and PVC Good resistance to oil, chemicals, hydrolysis and microbes Meets DeviceNet specification 	Structure: Power supply Conductor 0.34 mm ² (AWG22) tinned Insulation of lead TPE Colors of the leads red; black	
	Data line Conductor 0.25 mm ² (AWG24) tinned Insulation of lead Zell-PE Colors of the leads blue; white	
	General data: Screening of lead Al-Pt foil, coverage 100 %, leads paired Filler cord 0.34 mm ² (AWG22) tinned Screening C-screen tinned, coverage ca. 65 % Outer jacket PUR dull, Ø 6.8 ^{+0.2} mm, color: black	
	Electrical Data: Power supply Test voltage 1.2 kV _{rms} Resistance of conductor ≤ 57.4 Ω/km Insulation resistance ≥ 10 ¹² Ω/km	
	Data line Test voltage 1.2 kV _{rms} Resistance of conductor ≤ 91.9 Ω/km Insulation resistance ≥ 10 ¹² Ω/km Operation capacity 39 pF/m 0.8 – 1.2 MHz (strand/strand) 79 pF/m 0.8 – 1.2 MHz (strand/screen)	
	Attenuation ≤ 9.5 dB/km 125 kHz ≤ 16.4 dB/km 500 kHz ≤ 22.9 dB/km 1 MHz	
	Impedance 120 Ω ± 10 % 1 MHz	

DeviceNet

2/2

Cable for fieldbus connection (Drop cable)

Data sheet

	Mechanical Data:	
	Characteristic	Suitable for drag chains
	Min. bending radius	100 mm
	Temperature range	
	static	-40 °C ...+70 °C
	moved	-10 °C...+70 °C
	Accessories for 755-331:	
	M12-DeviceNet-Drop plug	Item-No.: 755-803
	M12-DeviceNet-Drop socket	Item-No.: 755-804