

LUTZE DeviceNet™ BUS (C) PVC, Shielded

Flexible DeviceNet™ Cable for Stationary Applications



Application

- For the wiring of industrial sensors, control devices, valves, and other equipment
- Automation technology, transport and conveyor technology, machine tool manufacturing
- Compliant with NFPA 79 requirements

Characteristics

- 2-pair cable: The pair with the smaller cross section is for the data transmission, the pair with the larger cross section is for the power supply
- High protection against electromagnetic interference (EMI)
- Flexible for easy installation
- Talc and silicone free

Technical data

Voltage	300V
Test voltage	3000V
Impedance	120Ω ± 12Ω
Operating capacitance	< 40pF/m
Temperature range	Moving -10°C - +75°C Fixed -40°C - +75°C
Bending radius min	Moving 10 x cable OD Fixed 5 x cable OD
Burning behavior	Flame retardant per DIN EN 60332-1-2 IEC 60332-1 UL Vertical-Tray FT1
Approvals	CM 75C Meets NEC 392, 800 RoHS, REACH

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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DeviceNet™ Thick UL/CM, PLTC

104281	((2xAWG18)+(2xAWG16)) AWG16: RD, BK AWG18: WH, BU	12.1	0.480	136	48
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DeviceNet™ Thin UL/CM, CL2

104280	((2xAWG24)+(2xAWG22)) AWG22: RD, BK AWG24: WH, BU	7.1	0.280	49	18
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Construction

- AWG conductor
- Tinned copper wire
- Conductor insulation special polyolefin
- Both pairs shielded with foil shield, 100% coverage and drain wire
- Overall tinned copper braid shield, optical coverage 65%
- Jacket special PVC, matte, adhesion-free surface
- Gray jacket similar to RAL 7001

*TM registered trademark not associated with LUTZE

Specifications are subject to change without prior notice