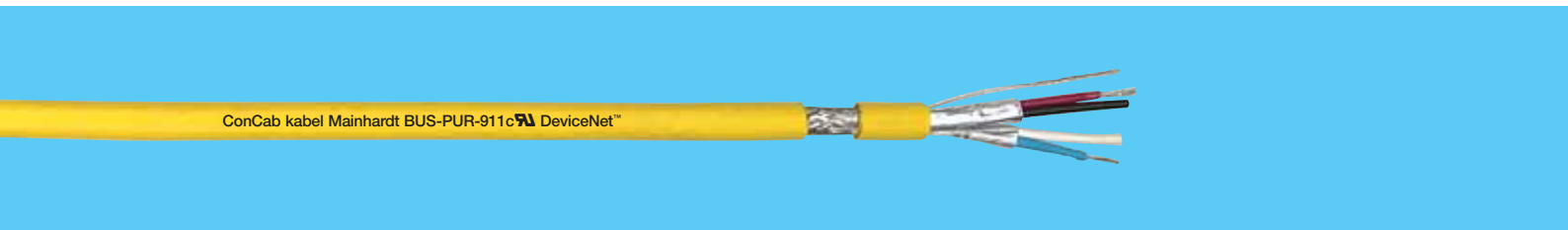


# CC-BUS-Schleppflex® PUR-C-911

High flexible halogen-free fieldbus cable for DeviceNet™, shielded



ConCab kabel Mainhardt BUS-PUR-911c UL DeviceNet™

## Technical data

**Rated voltage:**  
300 V

**Test voltage:**  
1500 V

### Conductor stranding:

power cores:

Thick cable: AWG 15 (1,5 mm<sup>2</sup>)

Thin cable: AWG 22 (0,34 mm<sup>2</sup>)

data cores:

Thick cable: AWG 18 (1,0 mm<sup>2</sup>)

Thin cable: AWG 24 (0,25 mm<sup>2</sup>)

### Loop resistance:

data pair: 100-120 Ohm

### Temperature range:

fixed installation: -20°C to +70°C

flexible application: 0°C to +70°C

### Bending radius:

fixed installation: 7,5 × core diameter

flexible application: 15 × core diameter

### Approvals:

\*cUL: Style 20910

\*\*cUL: Style 20233

The CC-BUS-Schleppflex-PUR-C-911 shielded UL/CSA is used for DeviceNet™ installations, especially known in Anglo-American markets. This bus-system consists of one pair of power cores and one pair of data transmission cores on a CAN basis. The Thick cable is used as the backbone cable. The Thin cable connects sensors and actors to the backbone Thick cable. The PUR outer sheath enables the cable to be used in mobile power supply chains and automatic handling equipment.

## Construction

Superfine strands of tinned copper wires.

Data transmission cores: Core insulation cellular PE, core colours are blue and white.

Power cores: Core insulation polyester (TPE), core colours are red and black.

Data and power cores are each twisted into a pair, tinned drain wire, each pair shielded in aluminium foil, overall tinned copper shield.

PUR outer sheath, flame retardant and self-extinguishing

(acc. to VDE 0482, part 265-2-1/ EN 50265-2-1 and IEC 60332-1).

Part-No.	Type	No. of cores + AWG	Outer sheath colour	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
911 115 118 09	Schleppflex-Thick Cable	1×2×AWG 15 + 1×2×AWG 18*	yellow	69,5	12,2	209
911 122 124 09	Schleppflex-Thin Cable	1×2×AWG 22 + 1×2×AWG 24**	yellow	27,1	7,0	64
911 115 118 06	Schleppflex-Thick Cable	1×2×AWG 15 + 1×2×AWG 18*	violet	69,5	12,2	209
911 122 124 06	Schleppflex-Thin Cable	1×2×AWG 22 + 1×2×AWG 24**	violet	27,1	7,0	64

Special needs, different dimensions or different outer sheath upon request.

For installation instructions please see page 498.

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