



Reference: 13-DRW15Z04R
Country Ref.: 13-DRW15Z04R

CONTACT

Market information
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DeviceNet cables with PVC jacket for fixed installation, shielded, flame retardant

STANDARDS

Product UL and CSA approval

APPLICATIONS

DeviceNet is one of the world's leading device-level networks for industrial automation. This bus system offers data transmission and power supply in one cable. The special twisting design allows higher bending cycles than competitors traditional parallel twisting.

Normative references

UL recognized
CSA approval

bus



Operating temp.
-25 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS**Construction characteristics**

Construction type	(1x2x1.8+1x2x1)C
Conductor material	Stranded tinned copper
Insulation	Foam-skin
Insulation colour	Red, black, white, blue
Drain wire	Stranded tinned copper
Individual screen	Aluminium / Polyester tape
Shielding	70% tinned copper coverage
Taping	Non woven tape
Outer sheath	PVC
Sheath colour	Violet RAL 4001

Dimensional characteristics

Nominal outer diameter	11.8 mm
Copper content	88 kg/km
Approximate weight	155 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	300 V
Characteristic impedance	120 Ohm
Test voltage	1500 V

Transmission characteristics

Attenuation at 1 MHz	AWG24 <= 2.00 db/100m AWG18 <= 1.31 db/100m
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Usage characteristics

Field of application	Static
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1