



CONTACT

Market information
industryprojects.business@lynx^{eo}.group.com

DeviceNet cables with PUR jacket for drag chain applications, shielded, oil resistant, 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



Operating temp.
-20 ... 80 °C



Storage temperature, range
-30 ... 80 °C



Oil resistance
EN 50363-10-2



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

CHARACTERISTICS

Construction characteristics

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	PUR
Sheath colour	Violet RAL 4001

Electrical characteristics

Rated Voltage U _o /U	300 V
Characteristic impedance	120 Ohm
Test voltage	2000 V

Mechanical characteristics

Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	7 m/s ²

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10553014	13-DRW15Z04P	DEVICENET SPECIALFLEX FIELDDBUS (1x2x1,8+1x2x1)C	(1x2x1.8+1x2x1)C	11.8	88
10553015	13-DRW22Z04P	DEVICENET SPECIALFLEX FIELDDBUS (1x2x0,34+1x2x0,22) C	(1x2x0.34+1x2x0.22)C	7.0	28

= Make to order, = In stock,