



## Highly flexible and UL/CSA-approved



DeviceNet.



## Product description

### Application range

- For highly flexible applications
- DeviceNet™ connects industrial devices e.g. limit switches, photoelectric switches, valve islands, motor starters, drives, PLCs, etc.

### Product Make-up

- Core insulation: PE
- Outer sheath of Polyurethan (PUR) or Polyvinylchlorid (PVC)

### Norm references / Approvals

- PUR: UL/CSA-approved (CMX)
- PVC: UL/CSA CMG 75°C FT4 Sun Res Oil Res, at 2170346 also PLTC

### Product features

- Based on proven CAN (Controller Area Network) technology.
- Permissible cable lengths vary with the data rate and the cable thickness
- Refer to data sheet for more details
- PUR (P) Version: Halogene free  
PVC (Y) Version: Flame retardant (UL FT4)
- UV-resistant (but colour may change after some time)

## Technical Data

Core identification code	Data pair: light blue + white Power supply: red + black
Mutual capacitance	(800 Hz): max. 39.8 nF/km
Peak operating voltage	300 V (not for power applications)
Conductor resistance	Thick (loop): max. 45 ohm/km Thin (loop): max. 180 ohm/km
Minimum bending radius	Fixed installation: 7.5 x cable diameter Flexing: 15 x outer diameter
Test voltage	Core/core: 2000 V
Temperature range	PUR: -40°C to +80°C PVC: -10°C to +80°C
Characteristic impedance	120 ohm