



DeviceNet.



## Product description

### Application range

- Fixed installation
- DeviceNet™ connects industrial devices e.g. limit switches, photoelectric switches, valve islands, motor starters, drives, PLCs, etc.

### Product Make-up

- Core insulation made of foam skin
- Outer sheath: Halogene free (FRNC) or Polyvinylchlorid (PVC)

### Norm references / Approvals

- CMG UL/CSA approval 75°C or PLTC, Sun Res
- FRNC variant additionally with Germanischer Lloyd approval

### Product features

- Resistant to oils
- Based on proven CAN (Controller Area Network) technology.
- Permissible cable lengths vary with the data rate and the cable thickness
- FRNC Version: Halogene free and flame retardant
- Refer to data sheet for more details

## Technical Data

|                          |   |
|--------------------------|---|
| Core identification code | Data pair: light blue + white           |
| Mutual capacitance       | Power supply: red + black               |
| Peak operating voltage   | (800 Hz): max. 39.8 nF/km               |
| Conductor resistance     | 300 V (not for power applications)      |
| Minimum bending radius   | Thick (loop): max. 45 ohm/km            |
| Test voltage             | Thin (loop): max. 180 ohm/km            |
| Temperature range        | Fixed installation: 15 x cable diameter |
| Characteristic impedance | Core/core: 2000 V                       |
|                          | Fixed installation: -25°C to +80°C      |
|                          | 120 ohm                                 |