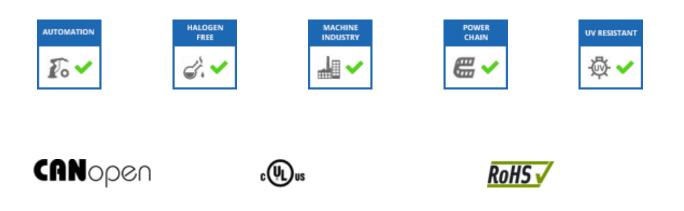
UNITRONIC® BUS CAN





• CAN = Controller Area Network



Product description

Application range

• Fixed installation

Product Make-up

- 0.22 + 0.34 + 0.5: bare stranded conductor, 7-wire 0.75: bare stranded conductor, fine-wire
- Colour-coded in accordance with DIN 47100
- Copper braid
- PVC sheath
- Colour: violet (RAL 4001)

Norm references / Approvals

- Standardised internationally in ISO 11898
- UL/CSA type CMX (UL 444)

Product features

UNITRONIC® BUS CAN



- Maximum bit rate: 1 Mbit/s for 40 m segment length
- Larger conductor cross-section is necessary with increasing length. Refer to the table below (reference values from ISO 11898).
- ISO 11898 makes recommendations for the segment length, cable cross section and bit rate
- Flame-retardant according IEC 60332-1-2

Technical Data

Mutual capacitance Peak operating voltage Conductor resistance Minimum bending radius Test voltage Temperature range (800 Hz): max. 40 nF/km (not for power applications) 250 V (loop): max. 186 ohm/km Fixed installation: 8 x outer diameter Core/core: 1500 V rms Fixed installation: -30°C to +80°C Flexing: -5°C to +70°C 120 ohm

Characteristic impedance