Certified by INTERBUS CLUB

- IBS - INTERBUS

Product description

Application range

- Fixed installation

Benefits

- Certified by INTERBUS CLUB

Product Make-up

- UNITRONIC® BUS IBS
- Stranded conductor, bare, core identification code in accordance with DIN 47100, braided copper, PVC outer sheath, violet (RAL 4001)
- UNITRONIC® BUS IBS P COMBI
- Stranded conductor, bare, core identification code in accordance with DIN 47100 (data), stranded, bare (power supply), copper braid, PUR outer sheath, violet (RAL 4001), halogen-free
- UNITRONIC® BUS IBS A is
  as per UNITRONIC BUS IBS, but with UL/CSA approval

Norm references / Approvals

- In accordance with DIN 19258 and EN 50254

Product features

- IBS cable - for fixed installation
- Remote bus cable + installation remote bus cable
- The stated bit rates result in the following cable lengths (maximum) of one bus segment:
  500 kbit/s = max. 400 m
- Flame-retardant according IEC 60332-1-2

Technical Data

Mutual capacitance	(800 Hz): max. 60 nF/km
Peak operating voltage	(not for power applications) 250 V
Conductor resistance	(loop): max. 186 ohm/km
Minimum bending radius	Fixed installation: 8 x outer diameter
Test voltage	Core/core: 1500 V rms
Temperature range	Fixed installation:
	-30°C to +80°C
	Flexing: -5°C to +70°C
Characteristic impedance	100 Ohm