



Fixed installation

EMC-optimised design



Product description

Application range

- For use for PROFIBUS-DP or FIP in harsh industrial environments
- PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Benefits

- EMC-optimised design

Product Make-up

- Solid and bare copper conductor
- Foam Skin - core isolation (O2YS)
- Overall screening with copper braid and plastic-laminated aluminium foil
- Overlapping plastic tape

- Copper tape, welded longitudinally
Outer sheath: PVC

Product features

- Flame-retardant according IEC 60332-1-2
- UV-resistant

Technical Data

Mutual capacitance	(800 Hz): max. 30 nF/km
Peak operating voltage	(not for power applications) 100 V
Minimum bending radius	Fixed installation: 7.5 x outer diameter Fixed installation: 3.5 x cable diameter once
Test voltage	3600 V DC (3 sec.)
Temperature range	-40°C to +70°C
Characteristic impedance	150 ± 15 Ohm