



Highly flexible application

For use where the combination of a halogen-free outer sheath with properties similar to PUR and enhanced flame-retardance is required; For highly flexible applications (power chains, moving machine parts); Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP



Product description

Application range

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

Benefits

- For use where the combination of a halogen-free outer sheath with properties similar to PUR and enhanced flame-retardance is required
- For highly flexible applications (power chains, moving machine parts)
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Product Make-up

- Cores for Power Supply
3 x 1.0 mm² (AWG18)
- Core insulation: Based on Polyolefin
- PUR-based outer sheath

Product features

- HYBRID: cable for data transmission + power supply
- Flame-retardant according to IEC 60332.1.2

Technical Data

Mutual capacitance	(800 Hz): max. 30 nF/km
Peak operating voltage	(not for power applications) 100 V
Minimum bending radius	Flexing: 145 mm
Test voltage	Core/core: 600 V
Temperature range	Flexing: -5°C to +50°C Fixed installation: -40°C to +80°C
Characteristic impedance	150 ± 15 Ohm