



## 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  
4 x 1.5 mm<sup>2</sup> (AWG16)

## Product features

- HYBRID: cable for data transmission + power supply
- Flame-retardant according IEC 60332-1-2
- Oil-resistant

## Technical Data

Mutual capacitance	(800 Hz): max. 30 nF/km
Peak operating voltage	(not for power applications) 100 V
Minimum bending radius	Flexing: 15 x outer diameter
Test voltage	Core/core: 600 V Core/screen: 600 V
Temperature range	Flexing: -30°C to +60°C Fixed installation: -40°C to +70°C
Characteristic impedance	150 ± 15 Ohm