



Highly flexible application

For highly flexible applications (power chains, moving machine parts); Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP; CL3 for installation on trays



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 highly flexible applications (power chains, moving machine parts)
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP
- CL3 for installation on trays

Product Make-up

- Outer sheath: special PVC compound
- Cores for Power Supply
4 x 1.5 mm² (AWG16)

Norm references / Approvals

- With UL/CSA approval (CMG, CL3, SUN RES, Oil Res I)
- Flame-retardant according to CSA FT4
UL Vertical-Tray Flame Test
- Oil-resistant according to UL OIL RES I

Product features

- HYBRID: cable for data transmission + power supply

Technical Data

Peak operating voltage	600 V (not for power applications)
Minimum bending radius	Fixed installation: 10 x cable diameter Flexing: 15 x outer diameter
Test voltage	Core/core: 2000 V Core/screen: 2000 V
Temperature range	-5°C to +80°C
Characteristic impedance	150 ± 15 Ohm