



This cable is designed according to SIEMENS® standard. 6FX5002 is the high-quality, yet more economical, version of the highly flexible 6FX8002 version; 100% compatible with SIEMENS® systems; The oil-resistant PVC sheath enables usage in industrial environments; Fixed installation



Product description

Application range

- Plant engineering
- Servo drives and servo assemblies

Benefits

- This cable is designed according to SIEMENS® standard. 6FX5002 is the high-quality, yet more economical, version of the highly flexible 6FX8002 version.
- 100% compatible with SIEMENS® systems
- The oil-resistant PVC sheath enables usage in industrial environments
- Fixed installation

Product Make-up

- Design according to SIEMENS® standard 6FX 5002
- Outer sheath: special PVC compound, flame-retardant according to IEC 332.1,

Product Make-up

- Other versions and lengths can be delivered upon request.

Note

- Maximum cable length must comply with the specifications set by the manufacturer of the respective servo drives
- The technical data correspond to the cables used

Technical Data

Approvals

Power cable:
VDE-registered
UL/CSA AWM Style 2570

Conductor stranding

Signal cables:
UL/CSA AWM style 2502
Extra-fine wire strand made of bare copper wires
according to VDE 0295 class 6/IEC 60228 class 6

Minimum bending radius

Fixed installation: 5 x outer diameter
Flexible use: 12 x outer diameter

Nominal voltage

Signal cables:
- 30 V AC/DC (UL/CSA)
- 30 V AC (IEC)

Power cable:
- Power cores:
1000 V (UL/CSA)
600/1000 V (IEC)

- Control cores:
750 V (UL/CSA)
30 V AC (IEC)

Temperature range

Fixed installation: -20°C to +80°C
Flexible use: 0°C to +60°C