AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

## Siemens 6XV1830-0EH10

PROFIBUS FC Standard Cable GP

| TYPE | REFERENCE | SCOPE | OPTIONS |
|---|---|---|---|
| **PROFIBUS FC Standard Cable GP** | **6XV1830-0EH10** | **Exact-model data** | **Check order** |

Siemens 6XV1830-0EH10 is a SIMATIC NET PROFIBUS FC Standard Cable GP supplied unassembled by the meter. Its shielded two-core construction is designed for FastConnect assembly, allowing the cable to be terminated using the matching PROFIBUS connection components.

## 01 DOCUMENTED PRODUCT REFERENCE

| | |
|---|---|
| Characteristic-impedance tolerance | 9.6 kHz 10 % |
| Loop resistance per length / maximum | 110 mohm/m |
| Shield resistance per length / maximum | 9.5 ohm/km |
| Number of electrical cores | 2 |
| Type of electrical connection / FastConnect | Yes |
| Tensile load / maximum | 100 N |
| Operating ambient temperature | -40 ... +75 °C |
| Storage ambient temperature | -40 ... +75 °C |

Siemens exact-model data sheet. Verify the complete supplied product identity.

## 02 TECHNICAL DATA

| | |
|---|---|
| Transport ambient temperature | -40 ... +75 °C |
| Flame-resistance standards | IEC 60332-3-24 (Category C); UL 1685 (CSA FT 4) |
| Class of burning behaviour / according to EN | 13501-6 Eca |
| Mineral-oil resistance standard | 60811-2-1 (4 h / 70°C) |
| Halogen-free | No |
| Silicon-free | Yes |
| EAC approval | Yes |

## 03 APPLICATION AND CONFIGURATION

- Permanent PROFIBUS cable installation using matching FastConnect components.
- Retain the complete 6XV1830-0EH10 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

## 04 OFFICIAL DOCUMENTATION

**Siemens 6XV1830-0EH10 Data Sheet**

Source: Siemens official exact-model data sheet; 3 source page(s). Last modified: 3/10/2026.

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

**AMIKON PRODUCT SUPPORT**

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