AUTOMATION TRADER

6FX7002-5EA61-1BC0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6fx7002-5ea61-1bc0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6FX7002-5EA61-1BC0
Product Type	Preassembled Power Cable
Cable Configuration	4 conductors of 10 mm² each, plus 4 signal conductors of 0.5 mm²
Outer Diameter	23.5 mm
Length	29.0 m
Maximum Operating Temperature	80.0 °C
Minimum Operating Temperature	-50.0 °C
Minimum Bending Radius (Moving)	165.0 mm
Minimum Bending Radius (Stationary)	94.0 mm
Maximum Tensile Strength (Moving)	20.0 N/mm²
Maximum Tensile Strength (Stationary)	50.0 N/mm²

Description

The Siemens 6FX7002-5EA61-1BC0 is a preassembled power cable designed for industrial automation applications. This cable features a configuration of 4 conductors of 10 mm² each, plus 4 signal conductors of 0.5 mm², all encased in a durable outer sheath.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE

VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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The cable's outer diameter is 23.5 mm, and it has a total length of 29.0 meters, making it suitable for various industrial setups. It is rated for a maximum operating temperature of 80°C when permanently installed and -20°C to 60°C when in motion.

The cable is designed for dynamic applications with a minimum bending radius of 165 mm during movement and 94 mm when stationary. It is also rated for a maximum tensile strength of 20 N/mm² during movement and 50 N/mm² when stationary.

The cable is UL/CSA certified and features a PUR outer sheath, ensuring resistance to oil and flame retardancy. This makes it an ideal choice for applications requiring reliable and robust power and signal transmission in industrial environments.