6FX8002-2DC10-1BF0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6fx8002-2dc10-1bf0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Pre-assembled signal cable
Brand	Siemens
Part Number	6FX8002-2DC10-1BF0
Interface	DRIVE-CLiQ
Module Side Connector	24 V RJ45 (IP20)
Motor Side Connector	IP67
Series	MOTION-CONNECT 800PLUS
Maximum Length	75 meters m
Maximum Diameter	7.1 mm
Conductor Configuration	3x(2x0.14) + 4x0.14 + 2x0.5 + 4x0.22 mm²

Description

The Siemens 6FX8002-2DC10-1BF0 is a pre-assembled signal cable designed for industrial automation applications. This cable features a DRIVE-CLiQ interface, facilitating seamless communication between Siemens SINAMICS S120 drives and compatible motors.

It is equipped with a 24 V RJ45 connector on the module side (IP20) and an IP67 connector on the motor side, ensuring robust protection against environmental factors. The cable is part of the MOTION-CONNECT 800PLUS series, approved for lengths up to 75 meters, with a maximum diameter of 7.1 mm.

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Its construction includes three pairs of 0.14 mm² conductors, four 0.14 mm² conductors, two 0.5 mm² conductors, and four 0.22 mm² conductors, providing comprehensive connectivity for various signal transmission needs.

This cable is ideal for applications requiring reliable and durable signal transmission in industrial settings.

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