6FX8002-5DG01-1DF0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6fx8002-5dg01-1df0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Pre-assembled power cable
Connector Type	Full-thread connector size 1
Cable Length	35 meters m
Maximum Outer Diameter	12 mm
Shielded	Yes

Description

The Siemens 6FX8002-5DG01-1DF0 is a pre-assembled power cable designed for seamless integration with SINAMICS S120 Power Modules and SIMOTICS motors equipped with full-thread connectors. This cable features four 1.5 mm² cores and two 1.5 mm² cores, all shielded, ensuring reliable power transmission and protection against electromagnetic interference.

The full-thread connector size 1 facilitates secure and efficient connections, while the MOTION-CONNECT 800PLUS system supports trailing applications, enhancing flexibility in dynamic environments. With a maximum permissible outer diameter of 12 mm and a length of 35 meters, this cable is tailored for demanding industrial settings where durability and performance are paramount.

Ideal for applications requiring robust and efficient power delivery, the 6FX8002-5DG01-1DF0 ensures optimal operation of Siemens motion control systems.

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