

DFP21B

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	dfp21b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.08 kgs
Voltage	24 V
Interface Type	fieldbus
Signal Type	24
Signal Level	24 V
Current	0.3 A

Description

The Sew-Eurodrive DFP21B is a PROFIBUS DP-V1 fieldbus interface module designed for seamless integration with MOVIDRIVE® and MOVITRAC® B drive inverters. This module enables efficient communication between the drive and other devices over the PROFIBUS network, supporting both cyclic and acyclic data exchange. It operates with a 24 V DC supply voltage and consumes a maximum of 3.4 W, ensuring reliable performance in industrial settings. The DFP21B supports automatic baud rate detection ranging from 9.6 kBaud to 12 Mbaud, accommodating various network configurations. It features a 9-pin Sub-D connector for PROFIBUS communication, with bus termination achieved through an appropriate PROFIBUS connector with switchable termination resistors. The module's station address is configurable between 1 and 125 via DIP switches, facilitating easy network integration. Additionally, the DFP21B is equipped with a standard 6-byte diagnostic data set, aiding in efficient system monitoring and troubleshooting. This interface module is an essential component for enhancing the functionality and connectivity of drive systems in complex automation environments.