

DEH11B

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	deh11b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.20 kgs
Voltage	10.5 - 13 V
Measurement Range	10.5 - 13
Interface Type	rs422
Signal Type	13
Signal Level	13 V
Component Specifications	rs422

Description

The SEW-Eurodrive DEH11B is a compact encoder card designed for integration with MOVIDRIVE MDX61B drive systems, facilitating precise position and speed feedback in industrial automation applications. This encoder card supports various encoder types, including Hiperface®, Sin/Cos (VPP=AC 1V), TIL, and RS422, offering flexibility in system design. It features two ports: X14 for external encoder input or incremental encoder simulation, and X15 for motor encoder input, accommodating resolutions of 128, 256, 512, 1024, and 2048 pulses per revolution (PPR). The DEH11B operates with a 12V DC power supply (10.5–13V) and a maximum current of 650mA, ensuring reliable performance in demanding environments. Its compact dimensions (10 x 8.8 x 2 cm) and lightweight design (0.5 kg) facilitate easy installation and integration into existing systems. Manufactured in Germany, the DEH11B exemplifies SEW-Eurodrive's commitment to quality and innovation in drive technology.