

## DEU21B

Industrial automation components

<b>Manufacturer</b>	Sew-Eurodrive
<b>Catalog number</b>	deu21b
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.11 kgs
<b>Component Specifications</b>	rs422
<b>Interface Type</b>	rs422
<b>Weight</b>	0.11 kg
<b>Interface Type</b>	Dual Serial Connection
<b>Supported Encoder Types</b>	TTL, HTL, RS422, Sin/Cos, HIPERFACE®, SSI, CAN, EnDat 2.1
<b>Motor Encoder Input</b>	1
<b>External Encoder Input</b>	1

### Description

The DEU21B is a multi-encoder card designed for integration with SEW-Eurodrive's MOVIDRIVE® MDX61B drive system. This option card facilitates dual serial connections, enabling the evaluation of both motor and external encoders. It supports a wide range of encoder types, including TTL, HTL, RS422, Sin/Cos, HIPERFACE®, SSI, CAN, and EnDat 2.1, making it versatile for various industrial applications. The card provides one input for the motor encoder and one for an external encoder, with the external encoder input also capable of simulating an incremental encoder output. This functionality is particularly beneficial for applications requiring precise position and speed control. Installation is straightforward, with clear instructions provided in the product manual, ensuring seamless integration into existing systems. The DEU21B is ideal for applications in automation, robotics, and material handling, where accurate encoder feedback is essential for optimal performance.