

## DLF1.1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dlf11
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.13 kgs
<b>Connector Type</b>	15-pin D-SUB
<b>Signal Input Type</b>	Sine wave
<b>Maximum Input Frequency</b>	150 kHz
<b>Supply Voltage</b>	24 V DC
<b>Module Type</b>	Plug-in extension module

### Description

The Indramat DLF1.1 is a high-precision positioning interface module designed for integration within industrial automation systems. Manufactured by Indramat, a division of Bosch Rexroth, this module is part of the VT-UK2 Universal Cards series and is engineered to facilitate accurate position control in demanding applications. The DLF1.1 processes sine-wave signals and converts them into high-resolution internal feedback, ensuring precise position control. It supports sine wave signal inputs at frequencies up to 150 kHz, enabling rapid response and dynamic control in high-speed applications. The module operates with a standard 24 V DC supply voltage and features a robust 15-pin D-SUB connector for reliable communication with external incremental encoders. Its plug-in extension module capability allows for easy integration of additional signal processing boards without complex rewiring, enhancing system scalability and flexibility. The DLF1.1's compact design and industry-standard connector type support straightforward retrofitting into existing control cabinets, making it suitable for various industrial automation environments. By offering precise position control, fast signal processing, and seamless integration, the DLF1.1 Positioning Interface Module delivers increased efficiency, reliability, and productivity in industrial automation systems.