

1734-IB8

Industrial automation components

Manufacturer	Allen-Bradley
Catalog number	1734-ib8
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.05 kgs
Signal Type	24
Signal Level	24 V
Voltage	24 V
Product Type	Module

Description

The Allen-Bradley 1734-IB8 is an 8-point digital input module designed for use within the POINT I/O system. Operating at a nominal voltage of 24V DC, it features sinking input channels suitable for various industrial automation applications. Each input channel supports an input voltage range from 10V DC to 28.8V DC, with an input current range of 2mA to 5mA. The module offers a fixed hardware input filter of 0.5 ms, complemented by a user-configurable filter ranging from 0 ms to 63 ms, allowing for precise signal processing. It is compatible with terminal bases such as the 1734-TB or 1734-TBS wiring assembly. The module is equipped with eight status LED indicators for each input channel and one network status indicator, providing clear operational feedback. Its compact dimensions of 56 x 12 x 75.5 mm (2.2 x 0.47 x 2.97 inches) and approximate weight of 31.8 grams (1.12 ounces) make it suitable for space-constrained environments. The 1734-IB8 operates within a temperature range of -20°C to 55°C (-4°F to 131°F) and has a power dissipation of 1.6 watts (5.5 BTU/hour). This module is ideal for applications requiring reliable digital input processing in distributed I/O architectures.