

Allen-Bradley 1734-IB8SK

The 1734-IB8SK is an Allen-Bradley POINT Guard IO module with conformal coating. This module features Eight (8) safety discrete input channels that supports sinking configuration. It operates at input supply voltage of 11-30 VDC. It also has a current sourcing Pulse Test output that is able to receive signals from Four (4) sources such as T0, T1M, T2, T3M. This module is primarily used for distributing safety I/O along GuardLogix, Compact GuardLogix. Technical specifications for 1734-IB8SK

Manufacturer Allen-Bradley/Rockwell Automation

Series POINT Guard I/O

Manufacturer Rockwell Automation

Part Number 1734-IB8SK

Brand Allen-Bradley

Product Type Digital Safety Input Module

Part Number/Catalog No. 1734-IB8SK

Number of Inputs 8

Product Description Safety Input module with conformal coating

Conformal Coating Yes

Module Type Discrete safety input module

No. of Inputs Eight (8); Sinking input

Input Voltage range 18-30 VDC

Minimum On-state current 3.3 mA

Terminal Base Type 8-Point Terminal Base

Maximum Off-state current 1.3 mA

Input reaction time < 16.2 ms

Pulse Test Output Four (4)

Output wiring Current sourcing

Pulse Test Output current, per channel 0.7 A, max

Pulse Test Output current, per module 2.8 A @ 40 Deg. C. (per module)

Compatible controllers GuardLogix, Compact GuardLogix, Smart Guard

Safety level compliance SIL 3 / 4; Cat. 3 and 4

Conformal coating Yes Description

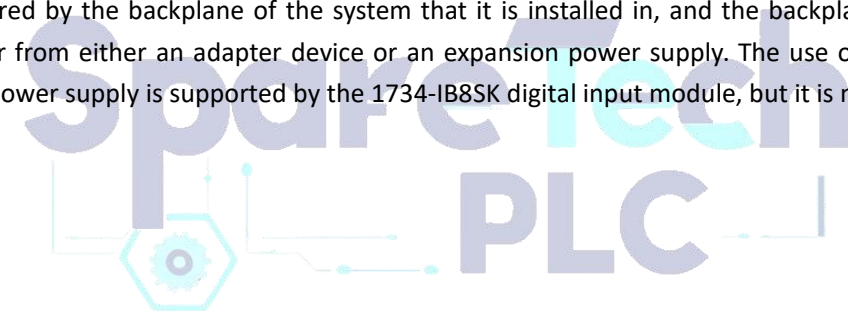
The Allen-Bradley 1734-IB8SK is a POINT Guard I/O that is part of the 1734 product bulletin. This module is mainly used in applications that require compliance to Safety Integrated Level up to and including Category 3 and 4 and Performance Level e/ Safety Integrated Level (SIL) CL3. This module comes with Eight (8) safety inputs that accepts an input signal voltage range of 11-30 VDC and supports current sinking wiring configuration. Other input specifications include maximum Off-state input voltage of 5 VDC, minimum on-state current of 3.3 A and maximum Off-state current of 1.3 A. The input type is of Type 3 based on the IEC 61131-2 specification with individual reaction time of < 16.2 ms. The 1734-IB8SK and the entire POINT Guard I/O system are

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

used to distribute safety I/O along with Safety controllers such as GuardLogix, Compact GuardLogix and Smart Guard systems. The 1734-IB8SK also has Four (4) Pulse Test Outputs that is compatible with Four (4) compatible sources including T0, T1M, T2, T3M. These outputs are wired in current sourcing configuration with output current of 0.7 A, maximum, per channel with total current output of 2.8 A @ 40 degrees C (104 degrees F) per module. This module is also provided with conformal coating that makes this module compatible for use in hazardous and corrosive environment.

The Allen-Bradley/Rockwell Automation 1734-IB8SK I/O module is a digital type of I/O module with 8 input channels. It has been designed as part of the Allen-Bradley 1734 POINT Guard I/O module series. The 1734-IB8SK digital input module is conformally coated for protection and it can be connected to a terminal base that has 8 termination points. The 8 input channels in the 1734-IB8SK digital input module are digital safety input channels and they can be used to connect to a variety of safety devices such as gate switches, emergency stop buttons, and safety light curtains. The on delay and off delay settings for each input are individually configurable. The 1734-IB8SK digital input module can support single channel operation and dual channel operation. The primary application for this safety input module is monitoring safety input devices. It is powered by the backplane of the system that it is installed in, and the backplane provides this power from either an adapter device or an expansion power supply. The use of a separate field bus power supply is supported by the 1734-IB8SK digital input module, but it is not required.



You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com