Industrial Automation

This ***busstop*** ® station provides a connection for two input and two output points. All inputs and outputs are powered by DeviceNet™. This is ideal for small systems that don't require auxiliary power.

The **FDN-PCB-22** supports explicit messaging, poll, change of state, and cyclic I/O messages. These connections are established through UCMM or pre-defined master/slave connection set.

FDN-PCB-22

Integrated Design

- PC Board DeviceNet station
- Two inputs and two outputs

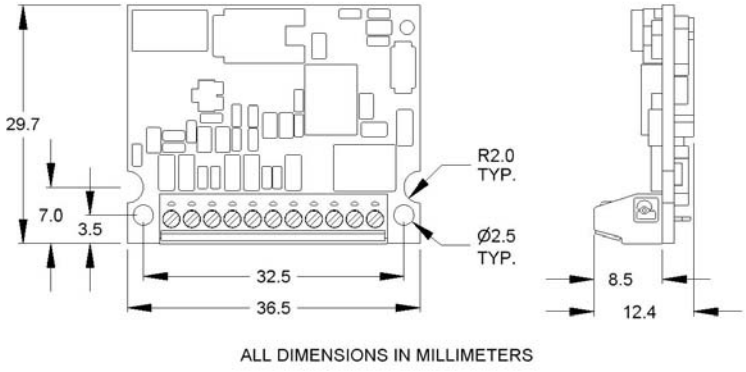
Applications

- For OEM applications
- For use with PNP sensors or 0.5 amp outputs

Features

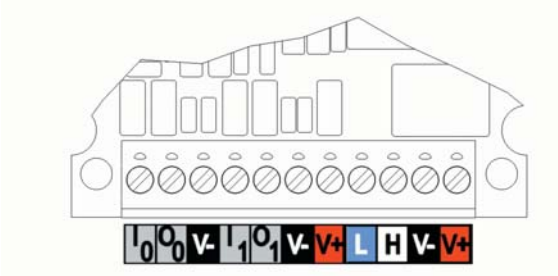
- PNP short-circuit protected inputs
- 0.5 amp short-circuit protected outputs
- All of the I/O is powered by DeviceNet

Dimensions



ALL DIMENSIONS IN MILLIMETERS

Pinout



Module Specifications

Supply Voltage	
Bus Power	11-26 VDC
Internal Current Consumption	≤50 mA plus sum of sensor and output currents (from bus power)
Input Circuits	(2) PNP 3-wire sensors or dry contacts
Input Voltage (V+)	11-26 VDC (from bus power)
Input Short-Circuit (V+)	700 mA (total, short-circuit protected)
Input Signal Current (Input)	OFF 0-4 V, 0.05 mA ON 0.5 x Vbus, 1.1 mA-2.2 mA (@Vbus =24 VDC)
Input Delay	2.5 ms
Output Circuits	(2) DC acutators
Output Voltage	18-26 VDC (from bus power)
Output Load Current	0.5 A each (from bus power)
Maximum Switching Frequency	100 Hz
Housing	Open Frame
Enclosure	IP 20
Operating Temperature	-40° to 70°C (-40° to 158°F)

I/O Data Mapping

Product Code: 7/1000

	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Input Data	0	IGS	-	-	-	OS-1	OS-0	I-1	I-0
	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Output Data	0	-	-	-	-	-	-	O-1	O-0

Abbreviations

O = Output Data (0=OFF, 1=ON)

OS = Output Status (0=Working, 1=Fault)

IGS = Input Group Status (0=Working, 1=Fault)