

# Specifications

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— Specifications

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## Specifications

General Specifications	
Ambient Operating Temperature	32°F to 131°F (0°C to 55°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Ambient Humidity	5% to 95% non-condensing
Atmosphere	No corrosive gases, max. environmental pollution = 2, UL840
Vibration Resistance	MIL STD 810C, method 514.2
Shock Resistance	MIL STD 810C, method 516.2
Noise Immunity	NEMA ICS3-304 Impulse noise 1 $\mu$ s, 1000V FCC Class A RFI (144MHz, 430MHz, 10W, 10cm)
Size	0.78"W x 3.02"H x 2.12"D
Weight	1.75 oz. (50g)

Communication Specification	
Protocol	DeviceNet Communication (Slave)
Network address	0 to 63
Data Packet	0 to 8 Bytes (Data beyond eight bytes are divided.)
Baud Rate	125 kbps/250 kbps/500 kbps DIP Switch Setting
Maximum cable length	500m/125 kbps 250m/250 kbps 100m/500kbps
Parameter storage	FLASH Memory
Communication Status Indicator	<b>MS</b> : Module Status LED [Red/Green] <b>NS</b> : Network Status LED [Red/Green]
DeviceNet Power Consumption	11~25VDC 45mA Max.

DeviceNet Communication Details		
Device Type		Generic
Explicit Peer to Peer Message		No
I/O Peer to Peer Message		No
Configuration Consistency		No
Fault Node Recovery		No
Communication Baud Rate 125K, 250K, 500K		Yes
Master/Scanner		No
I/O Slave Message	Bit Strobe	No
	Polling	Yes
	Cyclic	No
	Change of State (COS)	No

DeviceNet Object		
Item	Instance	Class Number
Identity Object	1	1h
Message Router Object	1	2h
DeviceNet Object	1	3h
I/O Assembly Object	5	4h
Connection Object	1	5h

Device I/O Specification	
I/O LINK	Inputs: 64 Points Outputs: 64 Points
I/O LINK Data Types Available	X, Y, C, S, T, CT, SP (Read Only)
Register LINK	128 Bytes Maximum: V0 – V7777
Other PLC Communication from Master	Only PLC Mode Selection (Mode SW is in TERM only)
Internal Power Consumption	45mA at 5VDC