



DX80N2X1S-P14

▶ PERFORMANCE SERIES GATEWAYS AND NODES



DX80 Performance 2.4 GHz Node 65mW
Internal Battery External Antenna
Input: 1 Configurable Discrete, 1 Analog Voltage (configurable to Current), 1 Thermistor, 1 Asynchronous Counter
1 Switch Power Output
Part Number: 800199

CERTIFICATIONS



SPECIFICATIONS

Housing Style	Integrated Battery
Device Type	Node
Input/Output	Analog & Discrete
Analog Inputs	Yes
Discrete Inputs	Yes
Input Details	Configurable discrete, configurable analog, thermistor, asynchronous counter
Output Details	Switch Power
Power Supply	D-Cell Lithium
Environmental Rating (IP)	IP67
Environmental Rating (NEMA)	NEMA 6

LCD Display	Yes
Max Operating Temperature (°C)	85
Min Operating Temperature (°C)	-40
Relative Humidity	95%
Point-to-Multipoint Topology	Yes
Point-to-Point Topology	Yes
Star Topology	Yes
Tree Topology	No
Feature: Hazardous Area	No
Application: Object Counting	Yes
Application: Temperature Input	Yes
EtherNet/IP	No
Modbus RTU	Yes
Modbus/TCP	No
RS-232	No
RS-485	Yes
Wireless	Yes
Wireless Radio Frequency	2.4 GHz
1-wire Serial Interface	No
Ships With Battery	Yes

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS

	MQDC1-501.5 Euro-style Quick Disconnect Cable; 5-pin Straight Connector; 0.5 m (1.5 ft) in Length; Chrome plated Brass Coupling Nut
	MQDC1-506 Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut

	MQDC1-515 Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut
	MQDC1-530 Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	SMBDX80DIN Bracket: DIN Rail Assembly; For DX80
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ANTENNAS

	BWA-201-001 Antenna 2.4GHz 1dB, 1 in short, RP-SMA
	BWA-202-C Antenna Omni 2.4GHz; 2 dBi Rubber Swivel; RP-SMA MALE
	BWA-202-D Antenna 2.4 GHz 2 dBi Omni Dome RPSMA Box Mount; 18 in Cable
	BWA-205-C Antenna Omni 2.4GHz; 5 dBi Rubber Swivel; RP-SMA MALE
	BWA-205-M Antenna Omni 2.4 GHz; 5 db Mini Mag; RP-SMA Male 12 ft Cable
	BWA-207-C Antenna Omni 2.4GHz; 7 dBi Rubber Swivel; RP-SMA MALE

ANTENNA ACCESSORIES

	BWC-1MRSFRSB0.2 Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 0.2 m
	BWC-1MRSFRSB2 Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 2 m

	BWC-2MRSFRS3 Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 10 ft
	BWC-2MRSFRS9 Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 30 ft

HARDWARE

	BWA-HW-031 Vent Plug; 1/2-in NPT Port; IP67
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BATTERY PACKS

	BWA-BATT-001 Replacement Battery; 3.6V D Lithium Cell
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ACCESSORIES

	BWA-HW-004 Replacement Seal Pack; O-Ring Gasket Rotary Cover
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M18T

	M18TUP14 M18T Series: Temperature Sensor; 14:1 Germanium Lens; Output: Analog 0-10 V; PNP Alarm; 2 m Cable
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QT50U

	QT50ULBQ6 QT50U Analog Series: Proximity Mode ; Range: 200mm to 8m; Input: 13-30V dc; Outputs: Analog: 0-10V or 4-20mA; 5-Pin Euro-Style Quick-Disconnect
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