



DX80N2X1S-P6

▶ PERFORMANCE SERIES GATEWAYS AND NODES



DX80 Performance 2.4GHz Node 65mW IP67
1-wire Serial Interface
Integrated Battery
Part Number: 18657

CERTIFICATIONS



SPECIFICATIONS

Housing Style	Integrated Battery
Device Type	Node
Input/Output	Serial
Input Details	1 Wire Serial interface
Power Supply	D-Cell Lithium
Environmental Rating (IP)	IP67
Environmental Rating (NEMA)	NEMA 6
Hazardous/Intrinsically Safe Classification	Class I, Division 2/Zone 2; ATEX Zone 2
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	Yes
Application: Relative Humidity Input	Yes
Application: Temperature Input	Yes
Application: Ultrasonic	Yes
Application: Vibration Sensor Input	Yes
Application: Tank Level	Yes
EtherNet/IP	No
Modbus RTU	No
Modbus/TCP	No
RS-232	No
RS-485	No
Wireless	Yes
Wireless Radio Frequency	2.4 GHz
1-wire Serial Interface	Yes
Ships With Battery	Yes

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS

	MQDC1-506 Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut
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ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	BWA-BK-004 Bracket: for DX80 or Q45 to K50U-RA
	SMBDX80DIN Bracket: DIN Rail Assembly; For DX80

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-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

BATTERY PACKS

	BWA-BATT-001 Replacement Battery; 3.6V D Lithium Cell
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QM42VT

	QM42VT1 Vibration and Temperature Sensor; 1-Wire Serial Interface; 3 m (9.8 ft) QD Cable
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K50 ULTRASONIC

	K50UX1CRA K50 Ultrasonic Sensor; 1-Wire Serial Interface; Range: 300 mm to 3 m (11.8 in to 118 in; 230 mm (9 in) QD Cable
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M12F

	M12FTH4Q Temperature and Humidity Sensor with 1-wire Serial Interface
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