



DX80DR2M-H14

MULTIHOP MODBUS I/O DATA RADIOS



MultiHop Internal Battery; 2.4 GHz 100 mW
1 Configurable Digital Input; 1 Analog Voltage Input (configurable to Current)
1 Thermistor Input; 1 Switch Power Output; 1 Asynchronous Counter
SDI-12; Gland Bottom; Vent Plug Top
Part Number: 800201

CERTIFICATIONS



SPECIFICATIONS

Housing Style	Integrated Battery
Device Type	Data Radio
Input/Output	Analog & Discrete
Analog Inputs	Yes
Discrete Inputs	Yes
Input Details	Configurable discrete, configurable analog, thermistor, asynchronous counter, SDI-12
Output Details	Switch Power
Power Supply	D-Cell Lithium
Environmental Rating (IP)	IP67
Environmental Rating (NEMA)	NEMA 6

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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	Yes
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
Application: Soil Moisture Monitoring	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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BATTERY PACKS

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

	BWA-THERMISTOR-PROBE-001 Temperature sensor with thermistor PS103G2; Operating Temperature Range -20 C to +105 C; Maximum Power Rating 30 mW; Accuracy +/- 0.2%; Plated Nickel Finish.
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M18T

	M18TIP8Q M18T Series: Temperature Sensor; 8:1 Integrated Lens; Output: Analog 4-20 mA; PNP Alarm; Euro M12 5-pin Quick-Disconnect
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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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T30UX

	T30UXICQ8 T30UX Series w/ Analog Output; Range: 300 mm to 3 m; Input: 10 to 30V dc; Analog Output: 4 to 20 mA; Euro 4-Pin Integral Quick Disconnect
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