



DX80DR9M-H12C

▶ MULTIHOP MODBUS I/O DATA RADIOS



MultiHop 900 MHz 1 W IP20

FlexPower External Antenna RS485

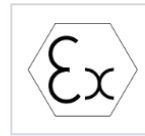
Inputs: 2 Discrete 2 Analog 1 Thermistor 2 SDI-12

Outputs: 2 Discrete

External Terminals

Part Number: 18785

CERTIFICATIONS



SPECIFICATIONS

Housing Style	External Terminals
Device Type	Multihop
Input/Output	Analog & Discrete
Analog Inputs	Yes
Discrete Inputs	Yes
Discrete Outputs	Yes
Input Details	2 Discrete, 2 0-20 mA, 1 Thermistor, 2 SDI-12
Output Details	2 NMOS Discrete
Power Supply	10-30V dc or 3.6-5.5V dc low power option

Environmental Rating (IP)	IP20
Environmental Rating (NEMA)	NEMA 1
Hazardous/Intrinsically Safe Classification	Class I, Division 2/Zone 2; ATEX Zone 2
LCD Display	Yes
Max Operating Temperature (°C)	80
Min Operating Temperature (°C)	-20
Relative Humidity	95%
Point-to-Multipoint Topology	Yes
Point-to-Point Topology	Yes
Star Topology	Yes
Tree Topology	Yes
Feature: Hazardous Area	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	900 MHz
1-wire Serial Interface	No
Application: Soil Moisture Monitoring	Yes
Ships With Battery	No

RECOMMENDED PRODUCTS

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.



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America