

MPT-900 Specifications

	MPT-900T Radio Transmitter	MPT-900R Radio Receiver
Frequency	902-928 MHz unlicensed ISM Band	902-928 MHz unlicensed ISM Band
Method	Frequency hopping Spread spectrum	Frequency hopping Spread spectrum
LCD Display	12 character x 2 lines back-lite provides configuration messages	12 character x 2 lines back-lite provides configuration/diagnostic messages
Input Configuration	up to 8-channels 4-20mA analog input accepts 2-wire loop powered and 3 or 4-wire devices	N/A
Output Configuration	N/A	up to 8 channels 4-20mA output
Power	10-30 VDC	10-30 VDC 115/230 VAC available
Power Consumption	Rx/Tx/Average 1.1/2.0/1.9 W @12VDC 1.3/2.2/1.5 W @24VDC	Rx/Tx/Average 1.6/2.7/1.8 W @12VDC 1.8/2.3/2.1 W @24VDC
Transmit	100mW	100mW
Power Receiver Sensitivity	-110 dBm	-100 dBm
Range	600-1500 ft. (obstructions) up to 7 miles L.O.S. (dipole antenna) > 20 miles L.O.S. (gain antenna)	600-1500 ft. (obstructions) up to 7 miles L.O.S. (dipole antenna) > 20 miles L.O.S. (gain antenna)
Enclosure	Nema 4x Plastic OR Explosion-Proof UL/CSA/FM/Keema approved, Cl 1, Div 1 GR B,C,D	Nema 4x fiberglass OR Explosion-Proof UL/CSA/FM/Keema approved, Cl 1, Div 1 GR B,C,D
Approvals	FCC, part 15	FCC, part 15