

Zigbee repeater, 2x PT100

RMZ-1215-R40



Technical data

Series	Quad
Type	RMZ-1215-R40
Measuring range	NTC : -40°C to +60°C PT100 : -190°C to +260°C (depending on sensor type)
Accuracy	NTC : $\pm 0,5^{\circ}\text{C}$ (-20°C up to 60°C) with calibration PT100 : $\pm 0,3^{\circ}\text{C}$ (-20°C up to +60°C) with calibration
Resolution	0.1°C
Number of nodes supported	Zigbee repeater function supports 20 nodes. Unlimited number of repeaters form mesh network.
Memory	10.082 samples
Storage temperature	-40°C to +55°C
Sensors	2x wired external PT100, 1x wired external NTC or potential free contact input (non triggered)
Measuring rate	Standard 15 min, can be set 1 min to 24 h
Power	+12Vdc EU external adapter (included) (+24Vdc and International power plug versions available)
Protection class	IP 40
Housing	Polycarbonate, UV stabilized
Dimensions	92 X 141 X 62mm
Weight	200 g
Certifications	CE
Radio frequency	2.400-2.483,5 GHz (Zigbee)
Transmit power	6.3mW (Zigbee)
Transmission distance	Up to 60m indoor, 1000m outdoor (Zigbee)
Energy consumption	80mA
Wireless	Zigbee
Antenna	External whip antenna (Zigbee)



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