

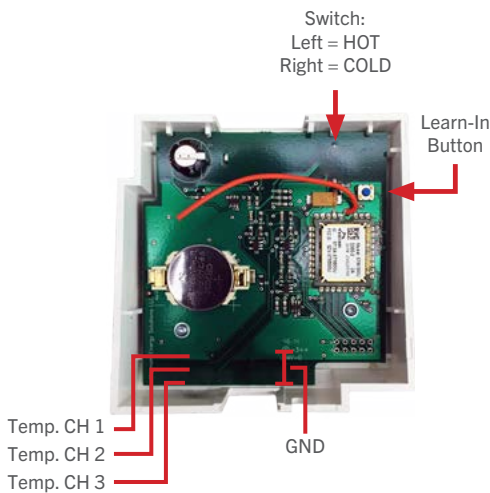
3 Channel Temperature Sensor

Mx-RTS3



Application

Solar-powered sensors, with an intelligent transmission management, are used to measure the temperature, and transmit this information wirelessly using the non-proprietary EnOcean wireless protocol. Special indoor solar cells collect the power required for operation and data transfer from ambient light. In unlit periods, maintenance-free gold-cap capacitors continue to feed the transmitter. The wireless transmission technology gives you a great deal of freedom in choosing the installation location.



Technical Data

Function	3 Channel Temperature Sensor
Power Supply	Solar-powered via internal energy storage unit.
Interfaces	<ul style="list-style-type: none"> - Wireless telegram: EnOcean wireless telegram. - Custom MES VLD Telegram. - Frequency: 868 MHz, 902 MHz & 928 MHz - Operating Range: Approx. 30 m in buildings (depending on building structure) - Duty Cycle: < 0.4% - Transmission interval of 120 seconds if there is a change in temperature or if manually operated (Adjustable)
Transmission Power	< 10 mW
Illumination Strength	Min. 150 lx, constant.
Measuring Range	HOT: 0°C to 70°C COLD: -40°C to 20°C
Ambient Conditions	0°C to 50°C (humidity non-condensing)
Housing	Plastic Housing, RAL9010 (pure white)
Degree of Protection	IP20
Weight	0.10 kg
Dimensions	WxHxD mm 82.5 x 82.5x 30

Part Numbers

(Frequency Dependant)

M9-RTS3 (902 MHz - North America)
M8-RTS3 (868 MHz - Europe and China)
MJ-RTS3 (928 MHz - Japan)



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In America

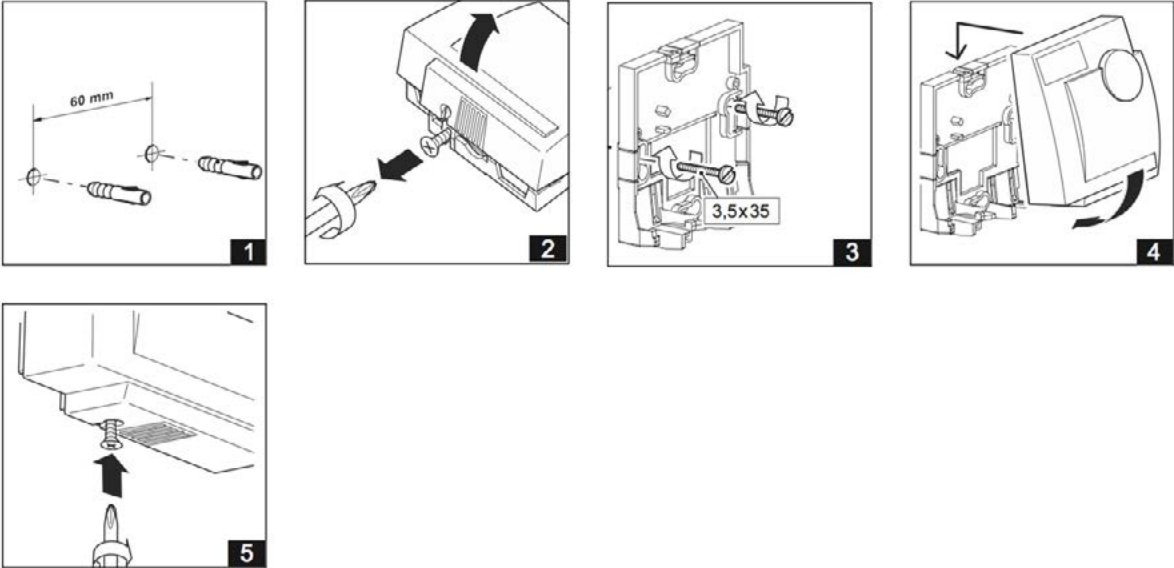
Magnum Innovations

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Wall Mounting:



Flush Mounting:

