

PACSNET 200R (RM)

Technical Specifications

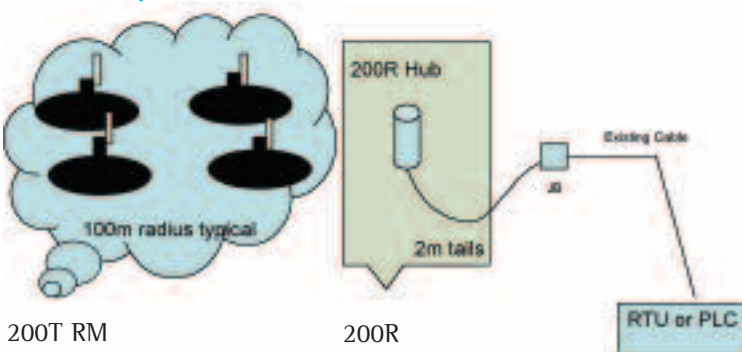
PACSNET 200R RM is the matching receiver unit for the PACSNET 200T RM rotation sensor product which combines detection of rotational movement by accurate digital compass and its transmission using secure low cost wireless.

- Receiver for Digital Compass Rotation Sensors
- Rotating Biological Filters
- Longitudinal Filters
- Any Rotating Equipment
- Low Cost Wireless Link to 100m
- Inbuilt Vandalproof Antenna
- Secure Encoded Data Transmission
- Located on site or in local cubicle
- IP68 Tubular Enclosure
- 12-24V dc operation.



PACSNET 200R (RM) incorporates the complementary 173MHz low power radio receiver module but is dc powered from the instrument panel, PLC or RTU to which it is connected. Cabling is embedded in the unit with flying tails ensuring the IP68 rating is maintained. It can be mounted out next to the plant being monitored, using existing signal cabling for power and alarm signals to the control location. Alternatively it can be located next to or inside the plant control cubicle making the whole system wireless direct into the control equipment. For longer range the unit can be mounted at a high point outside of the cubicle.

200T Options- Low Cost 200R Hub



200T RM
Blind Unit
Battery Powered
Integral Antenna
VHF 173MHz Radio Rx
IP68 Enclosure
Address and ID Set Up

200R
Blind Unit
12v dc Powered from RTU
Integral Antenna
VHF 173MHz Radio Rx
IP68 Enclosure
No options.

PACSNET 200R (RM)

PACSNET 200R RM WITH ITS PACSNET 200T RM SENSORS PROVIDES
A COST EFFECTIVE REPLACEMENT FOR EXISTING MECHANICAL MONITORING METHODS.

As a replacement for existing mechanical monitoring systems linked into plant control

PACSNET 200T RM can also be used as a replacement for existing mechanical systems such as proximity switches or mechanical striker plates. In this mode, the rotation monitors transmit to a PACSNET 200R RM Receiver which can be field mounted or located in a pump station. The 200R RM which is dc powered will receive from up to 4 transmitters and output 4 volt free contacts each reflecting a pulse per rotation for each filter. Upto 4 systems can coexist on the same site covering a total of 16 Rotating devices. The PACSNET 200R RM can be located at existing JB's on large plants and linked into existing cabling or be located actually in the site cubicle with other control equipment. To improve the range it is also possible to mount the 200R RM outside of any cubicle high on a pole or similar and this will achieve a significant improvement in performance. For more details of the sensor units, refer PACSNET 200T RM Data Sheet.

Why use PACSNET 200R RM?

This low cost receiver allows easy integration into existing systems with the minimum of disruption.
Upto 4 receivers can be used on any site.

A mounting kit is available as an accessory.

Simple to set up and ready to go.

Technical Specifications

Power: 12-24v dc

Inputs : (By wireless) Upto 4 200T RM Rotation Sensor Units.

Outputs: 4 Open Collector Outputs on multicore cable integrated with dc power cores. Flying lead 2m.

Radio: 10mW 173MHz VHF Receiver (ETS 300-220) with Integral antenna – Range 100m typical.

Radio Set Up: The unit is fully set up and only requires switching on to operate.

Radio Health Checks built into on air protocol.

Physical: Dimensions Height 375mm Diameter 60mm Weight 0,75Kgs

Enclosure IP 68 Polymer Moulded

Environmental: Operating -20 to 60 Deg C RH 05-95% non condensing.

Storage -20 to 70 Deg C

How to order

Pacnet 200 (RM) - Cat No 02-248



For further information please contact our sales office

or

Your local distributor

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