



RM6200 REMOTE MONITOR STATION

FOR MILTON ROY STREAMING CURRENT DETECTORS

DESCRIPTION

Milton Roy's RM6200 Remote Monitor Station provides indication and configuration functions for the SC2200 Streaming Current Detector. The RM6200 communicates with the SC2200 via a 4–20 mA signal. Therefore, the units can be separated by up to 3000 feet and signal reliability is assured.

The RM6200 is available in both wall and panel mount versions. This allows the plant personnel to install it in an existing panel or anywhere else in the plant that is convenient for the operators.

Once installed, the operator can adjust gain, filter, zero and alarm settings from the RM6200. All output signal connections for control and/or recording are within the RM6200.

The RM6200 can also be used with a SC4200 Streaming Current Detector when indication is desired both at the sample site and monitor location.

FEATURES

- Accepts a 4–20 mA streaming current signal from the SC2200 or SC4200 with up to 3000 feet separation
- Provides 4–20 mA output signal to controller and/or recorder
- Digital LCD display, –100 to +100 Streaming Current Units
- Full range zero, gain, and filter adjustments
- Calibration or run mode selectable
- High and low alarms
- Available in panel mount or NEMA 4X corrosion proof enclosure
- Rugged industrial duty design

RM6200 MODEL SELECTION GUIDE

RM6200 —



Output Signal

4 = 4–20 mA
X = Other (specify)

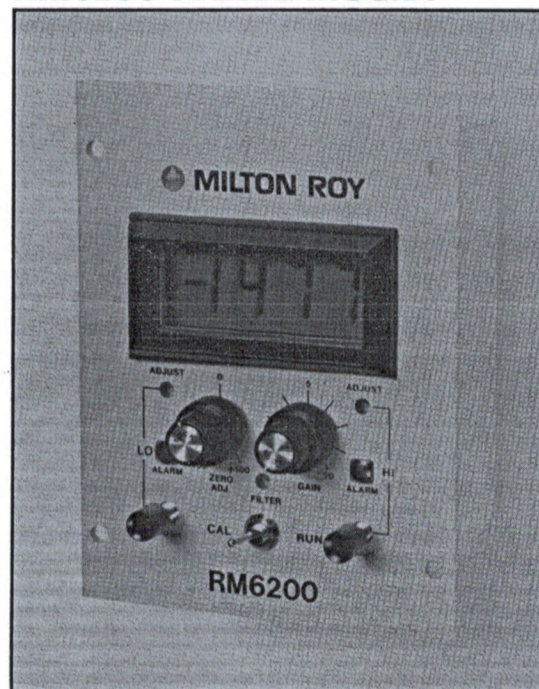
Operating Voltage

D = 115 VAC, 50/60 hz
E = 230 VAC, 50 hz

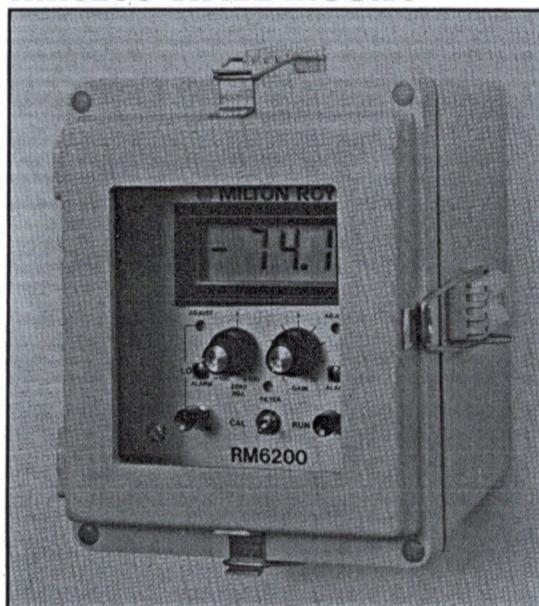
Mounting

P = Panel Mount
W = Wall Mount (NEMA 4X)

RM6200 PANEL MOUNT



RM6200 WALL MOUNT



RM6200

PD 1062 SC

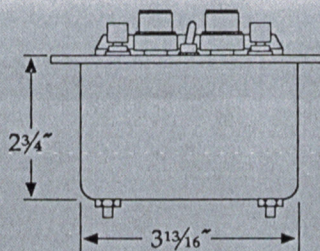
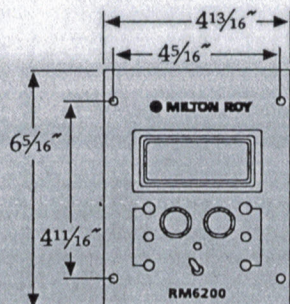
Effective 9/15/93



MILTON ROY

RM6200 DIMENSIONS

RM6200 Panel Mount



Mounting Hole Dimensions

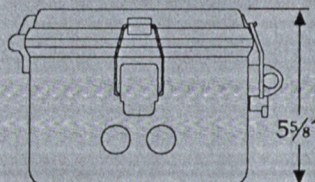
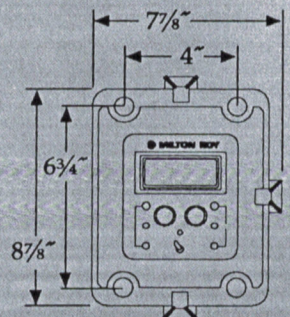
4 1/16" high X 4 5/16" wide

7/32" diameter mounting holes

5 3/8" high X 3 7/8" wide panel cutout

102-1749-000

RM6200 NEMA 4X Wall Mount



Mounting Hole Dimensions

6 3/4" high X 4" wide

5/16" diameter mounting holes

102-1747-000

RM6200 SPECIFICATIONS

Power Required 115 VAC, 50/60 hz (standard)
230 VAC, 50 hz (optional)

Instrument Input 4-20 mA Streaming Current
Signal from SC2200 or SC4200

Instrument Output 4-20 mA Streaming Current
Signal (500 OHM load max.)

Operating Modes Calibration and Run
mode selectable

Gain Adjustment Full range continuous from 1-10

Zero Adjustment Full range

System Accuracy 1% of full scale

Response Time Less than 5 seconds

Meter Readout LCD Digital Display: -100 to
+100 Streaming Current Units

Signal Filter Adjustable low pass

Operating Temp. 32°F to 120°F (0°C to 50°C)

Alarms High and low adjustable; Relays:
SPST, 0.4 amps at 115 VAC

Enclosure NEMA 4X, Polycarbonate (wall
mount only)

Weight Wall mount = 6 lbs.
Panel mount = 2 lbs.

Control Wiring 2 wire, twisted pair, 22 AWG,
shielded (max. 3000 ft. separation
from SC2200 or SC4200)

All

Milton Roy Company
Flow Control Division
A Sundstrand Subsidiary



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