



- 0.06 - 9999 RPM with ultra accuracy of 0.05% of reading
- Programmable unit & scale factor
- Application : RPH, RPM, RPS, Meters/Minute, Mains Frequency, etc.
- Measures upto 5 KHz
- Inputs : Proximity switch, voltage pulses, Limit switch, etc.

SPECIFICATIONS All specifications at ambient of 25 °C, unless specified otherwise

INPUTS

Input types

- a) Proximity switch, photo electric switch, electromagnetic pickup - 3 wire (+12 V DC provided)
- b) Limit switch, microswitch, etc. (potential free contact closure)
- c) Electromagnetic pickup - 2 wire
- d) Voltage pulses (5~30 V DC) 5 KHz

Maximum input frequency Range limits (for scale factor = 1)

Rate* :4 Digit
0.001 to 5000 PPS/RPS
0.06 to 9999 PPM/RPM
3.6 to 9999 PPH/RPH
6 Digit
0.001 to 5000 PPS/RPS
0.06 to 300000 PPM/RPM
3.6 to 999999 PPH/RPH

Accuracy

± 0.05% of reading, ± 2 counts typical

INDICATION

Display

4/6 digit, 7 segment 0.56" red LED display

PROGRAMMABLE PARAMETERS

Scale factor

Base no (b.no.)

b.no x 10ⁿ
4 digit : 0.001 to 9999
6 digit : 0.00001 to 999999

Exponent (n)

Rate unit *

-5 to 2
PPS (hz) / RPS,
PPM / RPM,
PPH / RPH
0.001 to 2 PPS (hz) / RPS,
0.06 to 120 PPM / RPM,
3.6 to 7200 PPH / RPH
* (PPS/PPM/PPH = pulses per second / minute / hour)

Minimum rate *

Resolution

1,
0.1,
0.0,
0.001

Program, lock

ON/OFF

OTHER

Keyboard

Tactile, 3 keys

Enclosure construction

Plug-in (circuit removable without affecting terminal wiring)

Dimensions (in mm)

48(H) x 96(W) x 100(D)

Mounting

Panel mount

Panel cutout

44 x 92 mm

Supply voltage

85~265 V AC, 50/60 Hz

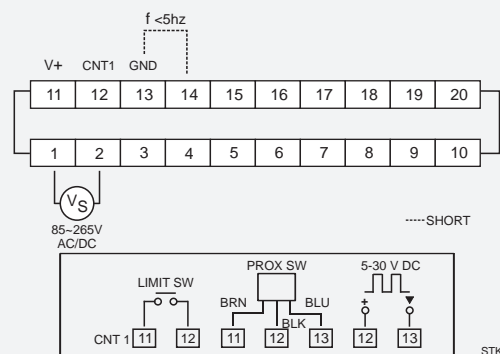
Operating ambient temperature

0~50 °C

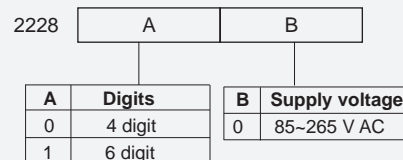
Relative humidity

Below 90%, non condensing

CONNECTION DIAGRAM



ORDERING INFORMATION



Product url : www.radix.co.in/rc.htm



SALES INQUIRIES

1800-22-radix
1800-22-7234

www.radix.co.in

Radix Electrosystems Pvt Ltd
B-14, 2nd Floor, Ghanshyam Indl Estate
Veera Desai Road, Andheri (W)
Mumbai - 400 053, India
Tel : + 91 22 26730101 • Fax : + 91 22 26731891
Email : sales@radix.co.in • www.radix.co.in

BANGALORE C : 0-9341063830
BARODA C : 0-9376215882
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