

PROGRAMMABLE LOOP POWERED LED INDICATOR — PLD40



PANEL MOUNT



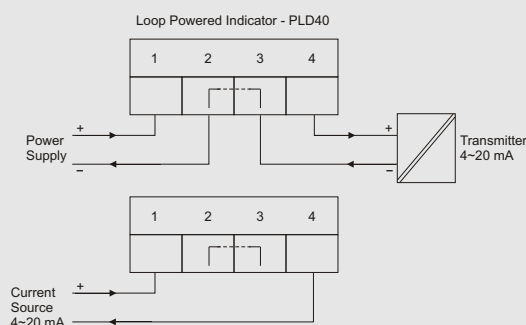
FIELD MOUNT



PLD40 is microcontroller based 2-wire loop powered LED indicator. This cutting edge technology product offers unmatched features, and is available in panel, field or explosion proof enclosures.

- 4 ~ 20 mA loop current input
- Loop voltage drop < 5 volts
- Accuracy : 0.1% of span, typical
- Large 4 digit LED display
- Linear/square root function
- User programmable
- Software calibration - no trimpots

CONNECTION DIAGRAM



ORDERING INFORMATION

2113 — A

A	Enclosure
0	Panel
1	Field
2	Flameproof

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

Input Range	4 ~ 20 mA
Resolution	-1999 ~ 9999
Accuracy	0.001, 0.01, 0.1 or 1
Linear	0.1% of span (typical) 0.2% of span (maximum)
Square root	0.5% of span
Temperature coefficient of accuracy	0.005% span/ C
Loop voltage drop	< 5 volts
Display	4 digit, 0.56" (14.2 mm), 7 - segment red LED
Display update rate	< 0.5 seconds
Linear mode	< 3 seconds
Square root mode	Display shows u.rng/o.rng
Underrange/overrange indication	
Operating ambient temperature	0 to 60 C
PANEL MOUNT ENCLOSURE	
Dimensions (in mm)	48(H) x 96(W) x 100(D)
Protection	IP20

FIELD MOUNT ENCLOSURE

Material Body - ABS
Lid - Polycarbonate
Dimension (in mm) 80(H) x 120(W) x 55(D)
Protection IP65

FLAMEPROOF ENCLOSURE

Material Aluminium alloy
Dimensions (in mm) 138(H) x 138(W) x 165(D)
Mounting Suitable for mounting on 2" pipe with accessories provided
Certification Gas groups I, IIA, IIB & IIC
Protection IP66

PROGRAMMABLE PARAMETERS

Low scale Over full range
High scale Over full range
Mode Linear & square root
Decimal point 0.001, 0.01, 0.1 or 1
Digital filter A, B, C, D, E, F

www.radix.co.in/lpind.htm

SALES INQUIRIES

1800-22-radix
1800-22-7234

www.radix.co.in

radix
AN ISO 9001:2000 COMPANY

Radix Electrosystems Pvt Ltd
B-14, 2nd Floor, Ghanshyam Ind 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
CHANDIGARH C : 0-9316460869
CHENNAI C : 0-9381056345
CHHATISGARH C : 0-9329418246
COIMBATORE C : 0-9380284497
GOA C : 0-9371439090

GWALIOR C : 0-9329126120
HP C : 0-9316460869
HYDERABAD C : 0-9391053480
INDORE C : 0-9301995060
KARNATAKA C : 0-9341063831
KERALA C : 0-9341273814
NAGPUR C : 0-932245543

NEW DELHI C : 0-9312600076
T : 011-25786350
ORISSA C : 0-9337002344
PUNE C : 0-9371113404
T : 020-24479759
PUNJAB C : 0-9316460869