

The PIR is a universal display unit usable in all 4-20 mA transmission circuits. Assembled directly between a standard DIN 43650 (Hirschmann style) plug and socket assembly, the PIR is the easiest of displays to install. The PIR is fully scalable through two control buttons. Programming capabilities include scaling, decimal point location, damping and, for units with a switch, setpoint value.

Power is provided to the PIR directly via the 4–20 mA loop, so no additional power supply is required. The programming information resides inside the PIR's EEPROM memory, making the unit immune to power failures up to ten years in duration.

Small, easily installed the PIR is the ideal way to get more from your 4-20mA transmitter.



- Local indication for transmitters
- 4-20 mA loop-power driven
- Works with Hirschmann® plug
- 4 digit accuracy
- Switch available

Specifications

Range :	-1999 to 9999
Error Signals	
"HI" :	over-range
"LO" :	under-range
Display :	4-digit red LED 5/16" tall
Accuracy :	±0.2% of full scale ±1 digit
Power Supply :	loop powered via 4–20 mA input line
Voltage Load :	5 volts

Ambient Operating

Temperature Range :	0°C / +60°C (32°F / +140°F)
Connection :	DIN 43 650 plug (e.g. Hirschmann®)
Sampling Rate :	adjustable from once per 3 sec. to once per 25.5 sec.

Programming Information

Input Mechanism :	2 button, menu driven
Parameters :	scaling, sample rate, error status, switchpoint
Data Stability :	non-volatile EEPROM maintains memory 10 years without power

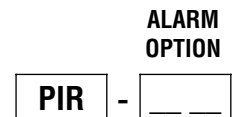
Construction Information

Housing :	Nylon®, plexiglas
Protection :	NEMA 4
Alarm Switch :	open collector
Max. Current :	60 mA



Users can change the orientation of the display to suit their application. Simply remove the 4 screws, lift, and turn into one of 4 orientations.

PIR Ordering Information



Description	Model No.
Standard Unit	01
With Alarm	02