



VACUUM GAUGES: PIRANI GAUGE-DPRG series

- **Measurement range 0.001 to 1000 mbar**
- **Easy "ATM" and "0" adjustment on the signal conditioner PCB**
- **Space saving rugged design- 1/8 DIN console**
- **Mounts in any orientation**
- **brass body measuring cell with metal-sealed feed through**
- **with universal power supply – input voltage from 90 ~ 264VAC, frequency 47 ~ 440Hz**
- **integrated set point adjustment and relay output**
- **Easy To Read 4 Digit Backlit Display**
- **Dual Set Point Controller With 2 Relays (select model DPRG-2GH-SP)**
- **Change Cable Length Without Re-calibrating upto 8 mtrs**



(Illustrated model: DPRG-2GH-SP)

The UVS **Model DPRG series** Vacuum Pirani Gauge Controller displays vacuum pressure as measured from a S-PR-GH sensor tube. It displays vacuum measurements based on thermal conductivity of air or nitrogen. The **Model DPRG-XGH-SP** controller covers the range from 0.001bar to 1000 mbar, and controls relay with independent set point.

*****The optional RS232 along with analog output 0 to 10V and 4 to 20 mA facility can be obtained on request**

Applications

- Controlling high vacuum systems ■ Fore vacuum pressure monitoring ■ Safety circuits in vacuum systems
- General vacuum measurement & control in the fine and rough vacuum range.

UNIQUE VACUUM SOLUTIONS

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Specifications:

MODLES	DPRG-1GH	DPRG-1GH-SP	DPRG-2GH	DPRG-2GH-SP	DPRG-1GH-2SP
Number of sensor channels	ONE		TWO		ONE
Display Range	FULL range: 0.001 to 1000 mbar				
Measuring Range	USEFUL range :0.001mbar to 100 mbar				
Units of Display	m Bar				
Vacuum Gauge	S-PR-GH sensor tube				
Temp. Range	+2 to +50 deg. Celsius				
VAC. Display	4-digit bright red LED, 14 mm high				
Display Indicators	NIL	red LED for SET PT 1	Red LED for channel 1&2 selected	Red LED for channel 1&2 Selected& red LED for SET PT 1&2	RED LED for set point 1 & 2
VAC and ATM Adjust	adjusted by trim pot at the signal conditioner PCB.				
Process control set points	NIL	ONE	NIL	TWO	TWO
Process Control Relays	NIL	One relay, 2 amp, 240 VAC contacts; independent available through the DB15 accessory connector	NIL	Two relays, 2 amp, 240 VAC contacts; independent available through the DB15 accessory connector	Two relays, 2 amp, 240 VAC contacts; independent available through the DB15 accessory connector
Nonvolatile Memory	for SET POINTS				
Operating Voltage	universal power supply, which operates on input voltages from 90 ~ 264VAC 50/60 Hz; standard IEC 320 instrument power input receptacle on rear panel; replacement fuse type: 5 mm X 20 mm, 2 amp				
Mounting	Side clips are provided for panel mounting in standard ¼ DIN 92 x 92 mm (3.62" x 3.62")				
Environmental Considerations	not for use with explosive or corrosive gases				

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