

Differential Pressure Gauge with Alarms

DS2818



Features:

- Magnehelic® design
- Retains low DP sensitivity and accuracy
- Adjustable high and low set points

Description:

Based on the Magnehelic® design, this gauge retains the low DP sensitivity and accuracy whilst adding two relay outputs for high and low DP alarms. The Photohelic® principle uses the standard gauge pointer to interrupt infra-red beams at the adjustable set points, which then drive the output relays. High and low set points are adjustable using the front mounted knobs.

Specification / Features

| | |
|-----------------------|---|
| DP Ranges | Pascals |
| Accuracy | ±2% FSD |
| Media | Air & non-corrosive gases |
| Housing | Die-cast Aluminum |
| Process Connections | 1/8" NPT Female (rear and side) |
| Max Pressure | 25 psig |
| Temperature | -5°C to 50°C |
| Output | 2x SPDT relays, 1 Amp @ 30Vdc, 0.5 Amp at 125Vac |
| Electrical Connection | 460mm 8 core able |
| Panel Cut out | 123mm dia |
| Overall Size | 140mm dia x 65mm deep |
| Weight | 0.75kg |

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com

Available Product Range

| SKU | DESCRIPTION | STOCK LEVEL |
|-------------|--|---------------|
| F3000MR1000 | Differential Pressure Gauge with Alarm, Range 0-1000 Pascals | Made to order |
| F3000MR125 | Differential Pressure Gauge with Alarm, Range 0-125 Pascals | Made to order |
| F3000MR250 | Differential Pressure Gauge with Alarm, Range 0-250 Pascals | Made to order |
| F3000MR500 | Differential Pressure Gauge with Alarm, Range 0-500 Pascals | Made to order |
| F3000MR60 | Differential Pressure Gauge with Alarm, Range 0-60 Pascals | Made to order |

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