MAN-SD
DIGITAL PRESSURE GAUGE

KOBOLD

Flow
Pressure
Level
Temperature
measurement
monitoring
control

P1

- **Large 4 digit LCD Display**
- **Battery Operated with On/Off Switch**
- **Ranges 0-30" Hg Vacuum to 0-6000 PSIG**
- **Accuracy ±0.5% of Full Scale**
- **Optional Peak Hold, Auto-off and Programmable Relay**

Features

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An economical replacement for mechanical pressure gauges.

The latest in solid state design, the MAN-SD series incorporates a ceramic pressure sensing element which provides superior stability and exceptionally long cycle life. The MAN-SD features a 4 digit LCD display which is rotatable. Zero (tare), peak hold and relay features are controlled by push-button access to the programming menu which is password-protect capable.

Specifications

Range: 0-30" Hg vacuum to 6000 PSIG
Overpressure Ratings:
  To 500 PSIG: 3X full scale
  500 to 3000 PSIG: 2X full scale
  above 3000 PSIG: 1.5X full scale
Zero Adjust (Tare): Standard, via setup menu
Accuracy: ±0.5% of full scale
Wetted Materials
  Sensing Element: Ceramic
  Connection: 316 SS
  O-Ring: Buna-N; others available on request
Housing Material: Polyester
Temperature Range
  Storage: -20 to 140°F
  Process: -20 to 185°F
  Compensated: -4 to 185°F
Fitting: 1/4" NPT
Battery Type: 9 Volt Lithium (included)
Battery Life
  Alkaline: 5000 hours
  Lithium: 10000 hours
Display: 4 digit LCD 0.5" digits
Protection: NEMA 4X/IP 65
Relay (optional): N/O 2 amps @ 30 VDC/VAC
Electrical Connection: 5 PIN Micro-DC, Male

MAN-SD Ordering Data

Range	Model #
0-30" Hg Vacuum	DSD-5001
0-20 PSIG	DSD-5002
0-50 PSIG	DSD-5005
0-100 PSIG	DSD-5010
0-200 PSIG	DSD-5020
0-500 PSIG	DSD-5050
0-1000 PSIG	DSD-5100
0-2000 PSIG	DSD-5200
0-3000 PSIG	DSD-5300
0-5000 PSIG	DSD-5500
0-6000 PSIG	DSD-5600

Description	Option Code
Auto Shutoff	(not available w/ relay)
8 Minutes	B08
16 Minutes	B16
32 Minutes	B32
64 Minutes	B64
Relay	-R
Peak Hold	-P
Special Range *specify range/units	-E

MAN-SD Digital Pressure Gauge

Accessory:
Part Number 807.007 = Mating 5 PIN Micro-DC Connector w/ GFT Cable (required for Option R)