

## 3" DIGITAL LCD PRESSURE GAUGES

### MG series

#### FEATURES

- ◆ Accuracy  $\pm 0.25\%$  F.S. at 22°C
- ◆ All laser-welded stainless steel design for optimal media isolation
- ◆ Available for all kinds of media not corrosive for stainless steel
- ◆ Three units selectable
- ◆ Back light mode
- ◆ Power saving mode
- ◆ NPN contact and output 4-20mA available (options)



#### SPECIFICATIONS

<b>Display</b>	4 digits LCD display, size 30 x 14.5 mm, back light mode available
<b>Units selectable</b>	psi, bar, kg/cm <sup>2</sup>
<b>Proof pressure</b>	300% of full range
<b>Accuracy @22°C</b>	Range 100-3000psi $\pm 0.25\%$ F.S. $\pm 1$ digit ; Range 15-50psi $\pm 0.5\%$ F.S. $\pm 1$ digit thermal error max. $\pm 0.5\%$ F.S.
<b>Response Time</b>	< 1 ms
<b>Measured media</b>	All kinds of media not corrosive for stainless steel
<b>Case size</b>	Ø3 inch ( 76 mm )
<b>Material</b>	Aluminum alloy with anodic treatment case, SS316 connection
<b>Connection</b>	1/4"PT or NPT male thread, bottom < other sizes available upon request >
<b>Supply voltage</b>	Standard — DC 9V battery (for more than 300 times, each time 5 min.) Option — external DC 12V for NPN contact and output 4-20mA
<b>Zero offset</b>	Display can be zeroed when it is not zero offset due to temperature effect
<b>Peak Hold mode</b>	Display and clean the peak hold record
<b>Power saving</b>	Automatic power off after 5 min.
<b>Temperature</b>	Operation -10~+60°C/14~+140°F ; Storage -20~+85°C/-4~+185°F

#### HOW TO ORDER

Example: MG — 100 — W 9V

Range				Connection		Supply Voltage	
V	Vacuum*	500	0-500psi	W	1/4"PT	9V	DC9V battery
15	0-15psi	1000	0-1000psi	A	1/4"NPT	MDPR	DC12V, with NPN contact
50	0-50psi	1500	0-1500psi			MD	DC12V, with O/P 4-20mA & NPN contact
100	0-100psi	2000	0-2000psi				
200	0-200psi	3000	0-3000psi				
300	0-300psi	5000	0-5000psi				

\*Vacuum range is 0 to -15psi (relative)