

GAUGES

Analog And Digital

ASME B40.1
GRADE B

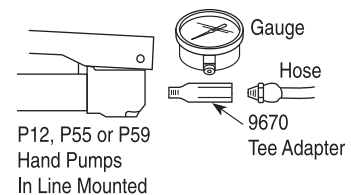


DG100

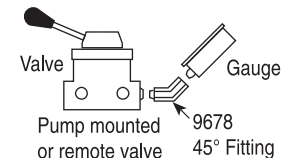


9042DG

Typical Mounting Situations



P12, P55 or P59
Hand Pumps
In Line Mounted



Pump mounted
or remote valve

Heavy-duty Hydraulic Pressure Gauges

- Gauges feature an easily readable and highly visible, red Day-glo® needle.
- High strength steel bourdon tube ensures high cycle life.
- Stainless steel cases and lens locking rings.
- 4" and 6" dry gauges can be filled with silicone (Kit #9046).
- Have 1/4" NPT connections.
- Calibratable gauge

DG100 Digital Pressure Gauges

- Accurate to within 1%.
- Long-life pressure transducer.
- Male 1/4" NPTF threads for the pressure connection.
- 6-foot input signal cable connects to back of display unit.
- Pressure values are displayed on large red LEDs in 10 psi or bar increments.

DG100 Digital Pressure Gauges (cont.)

- "Peak" hold feature with reset toggle switch and "Peak On" indicator; Hi/Low set point feature with relay outputs for Hi/Low alarms and/or control signals.
- A slow flashing display indicates pressure below the low limit; fast blinking display alerts if limit is exceeded.
- High and low limit relays are rated to 5 amps at 115 volts.
- Operating temperature of 0-140°F for the electronic display and -20 to 180°F for the transducer. Gauge housings are extruded aluminum 1/8" DIN enclosures (NEMA 1 rating).
- When power cable is connected to gauge, display will scroll all characters, performing a self-diagnostic routine.

9042DG Digital Pressure Gauge

- Digital gauge is easier to read and offers better accuracy than a conventional analog gauge.
- The laser welded stainless steel sensor & socket and the IP67 weatherproof rating make this product suitable for use in the most demanding of applications.
- Five pre-programmed engineering units allow technicians to read pressure in the unit of measure most applicable to the process.
- The gauge also features a bar graph display for enhanced visibility.
- Includes automatic off-battery conservation, pressure tare, minimum pressure memory and maximum pressure.
- Vibration & shock tested to MIL-STD-202G.

ACCESSORIES

Digital Pressure Gauge

No. 9042DG - Digital pressure gauge, pressure range 0-10,000 psi (0/700 bar). 1/4" NPTF male thread. Wt., .53 lbs.

No. DG100 – Digital pressure gauge, pressure range 0-10,000 psi. Note: Serviced only at factory. Wt., 2.3 lbs.

No. DG100B – Digital pressure gauge, pressure range 0-700 bar. Note: Serviced only at factory. Wt., 2.3 lbs.

Digital Pressure Gauge Accessories

No. 420778 – Gauge stand for DG100. Has angled base mounting to hold gauge at a convenient viewing angle. Wt., 1.2 lbs.

No. 37045 – Auxiliary power cord for use with any 12 or 24V battery. Wt., 0.2 lb. Caution: For use on negative ground systems only.

Standard Pressure Gauge Accessories

No. 9046 – Silicone fill kit. 7.5 fl. oz. Requires one bottle to fill 4" gauge; four bottles to fill 6" gauge.

No. 9049 – High performance pulsation dampener. 1/4" NPTF male x 1/4" NPTF female.



STANDARD PRESSURE GAUGE ORDERING INFORMATION

Face Dia.	psi/Bar	Tons	Major Graduations	Minor Graduations	Silicone Filled	Use With Cylinder Series	Gauge No.
2 1/2"	0-10,000/0-690	–	2500 psi, 100 Bar	500 psi, 20 Bar	No	All	9041
2 1/2"	0-10,000/0-690	–	2500 psi, 100 Bar	500 psi, 20 Bar	Yes	All	9040
4"	0-10,000/0-690	–	1000 psi, 100 Bar	200 psi, 10 Bar	No*	All	9051
4"	0-10,000/0-690	–	1000 psi, 100 Bar	200 psi, 10 Bar	Yes	All	9052
4"	0-10,000/0-690	0-17.5, 0-30 and 0-50	2000 psi, 5 Ton	200 psi, .5 Ton on 30, 50 Ton Scales; .2 Ton on 17.5 Ton Scale	No*	RT172, RT302, RT503	9059
4"	0-10,000/0-690	0-5	2000 psi, 1 Ton	200 psi, .1 Ton	No	C & RLS	9053
4"	0-10,000/0-690	0-10	2000 psi, 1 Ton	200 psi, .1 Ton	No*	C, RD, RH, RLS & RSS	9055
4"	0-10,000/0-690	0-25	2000 psi, 5 Ton	200 psi, .5 Ton	No*	C & RD	9063
4"	0-10,000/0-690	0-30	2000 psi, 5 Ton	200 psi, .5 Ton	No*	RHt, RLS & RSS	9065
4"	0-10,000/0-690	0-50	2000 psi, 5 Ton	200 psi, .5 Ton	No*	RHt, RLS & RSS	9067
4"	0-10,000/0-690	0-55	2000 psi, 5 Ton	200 psi, .5 Ton	No*	C, R, RA & RD	9069
4"	0-10,000/0-690	0-60	2000 psi, 5 Ton	200 psi, 1 Ton	No*	RH	9071
4"	0-10,000/0-690	0-100	2000 psi, 10 Ton	200 psi, 1 Ton	No*	C, R, RA, RD, RH, RLS†, RSS† & RT1004†	9075
4"	0-10,000/0-690	0-150	2000 psi, Initial 10 Then 20 Ton	200 psi, 2 Ton	No*	C, R, RD & RLS	9077
4"	0-10,000/0-690	0-200	2000 psi, 20 Ton 10 Then 20 Ton	200 psi, 2 Ton	No*	R, RD & RHt	9079
6"	0-10,000/0-690		1000 psi, 100 Bar	100 psi, 10 Bar	No*	All	9089

* Shipped "dry." User can convert to "wet" using liquid silicone No. 9046.

† The tonnage scale on the gauge may vary slightly among different series cylinders due to different effective area.