

Battery-powered Digital Pressure Gauge

Model CK

0.25% Accuracy

Battery Operated

Ranges to 1000psi

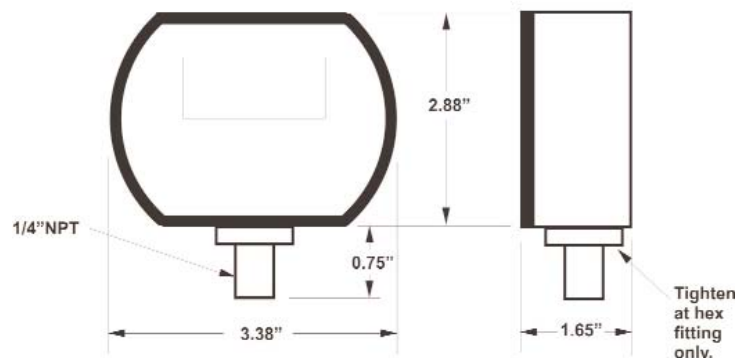
316 SS Wetted Parts

Auto shut-off

This 0.25% accuracy Digital Pressure Gauge includes a high impedance sealed pressure transducer compatible with liquids and gasses, and provides a highly repeatable pressure measurement. Units are available with gauge, absolute, and vacuum reference. Features include independent zero and span adjustment pots and an On/Off membrane switch. Backlit display and NEMA 4X rating are optionally available.



Dimensions



Performance

Ranges (0 to)	15, 50, 100, 200, 500, 750, 1000 PSI
.....	gauge, vacuum, or absolute
Accuracy.....	0.25%
Update speed	3 per second

Environmental

Temperature, Operating	-4°F to 185°F (-20°C to 85°C)
Temperature, Compensated ..	30°F to 160°F (0°C to 70°C)
Rating	NEMA 4X optional

Electrical

Display.....	LCD, 3 1/2-digit, 0.5" high
Power supply.....	(2) AA batteries, with low battery indicator and auto shut-off
Battery life- without backlight .	Up to 2500 hours
Battery life- with backlight.....	Up to 180 hours
Zero and span adjustment	Front accessible potentiometers
Auto Shut-Off.....	30 minutes

Mechanical

Pressure Port	1/4-18 NPT Male
Case Material (Standard)	Aluminum case, polycarbonate cover
Case Material (NEMA-4).....	UV stabilized ABS polycarbonate
Wetted parts	316 Stainless Steel
Weight	9 oz.

ORDERING INFORMATION

EXAMPLE ORDER CODE

C K W 1000 G Z - 4

SERIES

0.25% accuracy, 3 1/2 digit LCD display

OUTPUT

K = no output

S = output

MODEL CODE

W = Battery

V = Vehicle powered

B = 2-wire loop powered

T = AC adapter included

E = Voltage output

R = Relays

X = Voltage output and relays

PRESSURE RANGE

Pressure range in PSI

REFERENCE

G = Gauge

A = Absolute

V = Vacuum

ELECTRICAL TERMINATION

Z = No connector

C = Cable exit

OTHER OPTIONS

4 = NEMA 4X plastic enclosure

L = Backlight (decreases battery life)



*1 Accuracies stated are for Best Fit Straight Line for all errors including linearity, hysteresis and repeatability through zero.

*2 Allowable Maximum Loads – Maximum load to be applied without damage *3. Loads described allow for 100% full scale axial loading with the bending loads specified. Torque loading maximum is without axial or other load. For any other combination consult factory.

*3 Without damage – loading to this level will not cause excessive zero shift or performance degradation. The user must consider fatigue life for long term use and structural integrity. All structurally critical applications (overhead loading, etc.) should always be designed with safety redundant load paths.

Honeywell

Sensotec

Honeywell Sensotec • 2080 Arlingate Lane • Columbus, Ohio 43228 • USA

Tel: +1 (614) 850-5000 • Fax: +1 (614) 850-1111