



	A*	B	C	J	K	M	N	O	R	S	T NPT	W _{sq}
mm	114	103 ¹	82	6.0	38	148	136.5	141	25	12.5	—	22
in	4.5	4.06 ¹	3.23	0.24	1.505	5.83	5.37	5.55	0.98	0.49	1/2"	0.87

A* - Nominal Size. 1 - Gauges with 1/4" NPT connection – dimension changes to 97mm (3.81 in.).

SPECIFICATIONS - Model DUGY3

Case: 4 1/2" Black Glass Reinforced Thermo Plastic (PBTP) Solid Front Construction, Blow Out Back Safety Design, Weatherproof IP65

Window: Acrylic

Sensor: Gold Plated Ceramic, Kalrez® (chemically resistant) O-Ring Seal

Wetted Materials: 316SS

Connection: 1/4" or 1/2" NPT Lower

Ranges: Vacuum to 1,000 psi (See Range Table)

Accuracy: 0.5% Full Scale ASME 40.7 AA
(.25% available consult factory)

Ambient Operating: 10 – 140°F (-10–60°C)

DISPLAY

Type: LCD

Lux Rating: <10 (only one foot-candle)

Resolution: 1/4%

Digits: (4) 5/8" High

Update: One second
Two seconds (under 20 Lux)

USER SELECTOR FUNCTIONS

Left Units Select from 4 units of measure
PSI, kPa, KG/CM2 or Bar with
corresponding Vacuum

Center Zero Adjustment ±4 increments

Right Avg. Set reading in average of
1,2,4,8 seconds

DIGITAL PROCESS PRESSURE GAUGE				
QTY.	CAT. NO.	NPT SIZE	RANGE	TAG
	DUGY3			

316SS Socket 1/4" NPT		316SS Socket 1/2" NPT	
Range	Cat. No.	Range	Cat. No.
15 psi*	DUGY3-015-4L	15 psi*	DUGY3-015-2L
60 psi*	DUGY3-060-4L	60 psi*	DUGY3-060-2L
100 psi*	DUGY3-100-4L	100 psi*	DUGY3-100-2L
200 psi	DUGY3-200-4L	200 psi	DUGY3-200-2L
400 psi	DUGY3-400-4L	400 psi	DUGY3-400-2L
1000 psi	DUGY3-1000-4L	1000 psi	DUGY3-1000-2L

*These Ranges (Items also indicate Vacuum)

Digital Ranges				
Vacuum	psi	kPa	KG/CM2	Bar
30" HG*	15	100	1	1
30" HG*	60	400	4	4
30" HG*	100	700	7	7
—	200	1400	14	14
—	400	2800	28	28
—	1000	7000	70	70

*Metric Reads -100 kPa 76 CM/HG -1 Bar

CUSTOMER _____

PROJECT _____

ENGINEER _____

PRO or P.O. NO. _____



WEISS INSTRUMENTS, INC.
HOLTSVILLE, NEW YORK 11742

DESCRIPTION: **Light Powered
Digital Process Pressure Gauge**

DRAWN BY:

DATE:

DRAWING: