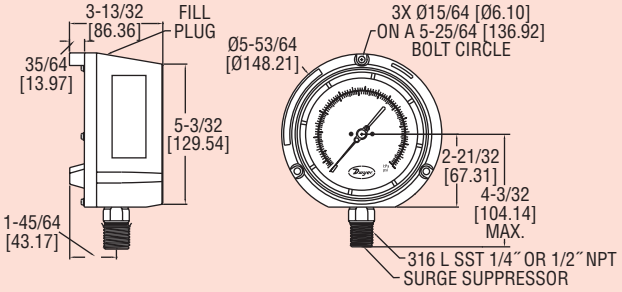
Series 765

Process Gage with Dampened Movement

±0.5% Accuracy, Safety Blow-Out Back



The Series 765 Process Gage with Dampened Movement minimizes effects of vibration without liquid filling. With this dampened movement the 765 gages are ideal for use in any application where high pulsation or vibration exists. The 765 gages offer dual scale range (psi/kPa) with ±0.5% full-scale accuracy. They are designed with a Phenolic safety-case and have a solid front with a blow-out back. Excellent chemical compatibility is insured with the 316L SS socket and Bourdon tube. A wide offering of ranges are available from full vacuum to 20,000 psi. The 765 process gage comes standard with bottom 1/4″ or 1/2″ male NPT connections.

Model	765				4.5″ Process Gage
Range		-01			30″ Hg-0 vac (0 to -100 kPa)
		-02			0 to 30 psi (0 to 200 kPa)
		-03			0 to 60 psi (0 to 400 kPa)
		-04			0 to 100 psi (0 to 700 kPa)
		-05			0 to 160 psi (0 to 1100 kPa)
		-06			0 to 200 psi (0 to 1400 kPa)
		-07			0 to 300 psi (0 to 2000 kPa)
		-08			0 to 400 psi (0 to 2800 kPa)
		-09			0 to 500 psi (0 to 3400 kPa)
		-10			0 to 600 psi (0 to 4000 kPa)
		-11			0 to 1000 psi (0 to 7000 kPa)
Process Connection			2N		1/4″ male NPT
			4N		1/2″ male NPT
Additional Options				-FMR	Flush mounted ring
				-SG45	Safety glass lens

For additional ranges contact factory.

SPECIFICATIONS
Service: Compatible gases & liquids.
Wetted Materials: 316L SS socket and Bourdon tube.
Housing: Phenolic plastic with safety blow-out back.
Lens: Polycarbonate.
Accuracy: ±0.5% ANSI/ASME Grade 2A.
Pressure Limit: 125% FS < 1500 psi, 115% FS for 2000 to 5000 psi, 110% FS > 10,000 psi.
Temperature Limits: -40 to 200°F (-40 to 93°C).
Size: 4-1/2″ (114.3 mm) dial face.
Process Connections: 1/4″ or 1/2″ NPT male.
Enclosure Rating: IP65 (NEMA 4).
Weight: 37 oz (1040 g).
Agency Approval: RoHS.

OPTION
For NIST traceable calibration certificate, use order code NISTCAL-PG1.