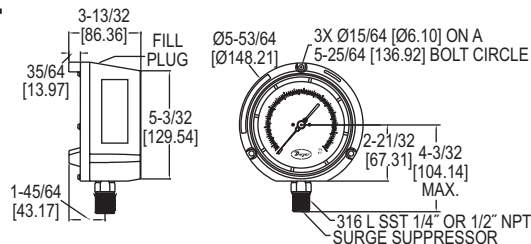


# PROCESS GAGE WITH DAMPENED MOVEMENT

±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  $\pm 0.5\%$  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.

## FEATURES/BENEFITS

- Liquid-free dampened movement minimizes effect of vibration and cost to maintain
- Stainless steel socket and Bourdon tube permit use in chemical applications
- High accuracy gage for applications requiring more precise measurement
- Models that support vacuum to high pressure ranges provide a selection to meet specific applications
- Specified with high ambient and process temperature ratings mean more robust uses and longer service-life

## APPLICATIONS

- Process applications
- Chemical
- Refinery
- Fertilizer
- Petrochemical
- Power
- Pharmaceutical
- Pulp and paper
- Cement

## SPECIFICATIONS

**Service:** Compatible gases and liquids.  
**Wetted Materials:** 316L SS socket and Bourdon tube.  
**Housing:** Phenolic plastic with safety blow-out back.  
**Lens:** Polycarbonate.  
**Accuracy:**  $\pm 0.5\%$  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:** Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

## MODEL CHART

Example	765	-01	2N	-FMR	765-012N-FMR
<b>Series</b>	765				4.5" process gage
<b>Range</b>		01 02 03 04 05 06 07 08 09 10 11			30" Hg-0 VAC (-100 to 0 kPa) 0 to 30 psi (0 to 206 kPa) 0 to 60 psi (0 to 410 kPa) 0 to 100 psi (0 to 680 kPa) 0 to 160 psi (0 to 1100 kPa) 0 to 200 psi (0 to 1370 kPa) 0 to 300 psi (0 to 2060 kPa) 0 to 400 psi (0 to 2770 kPa) 0 to 500 psi (0 to 3400 kPa) 0 to 600 psi (0 to 4100 kPa) 0 to 1000 psi (0 to 6800 kPa)
<b>Process Connection</b>			2N 4N		1/4" male NPT 1/2" male NPT
<b>Additional Options</b>				FMR SG45	Flush mounted ring Safety glass lens

For additional ranges contact factory.

OPTIONS	
<b>Use order code:</b>	<b>Description</b>
<b>NISTCAL-PG1</b>	NIST traceable calibration certificate

