

Pressure Gage 45APE Series

The 45APE Series gage instrument is a mechanical gage for pressure indication. It includes two adjustable SPDT switches. These snap-acting switches can be used for start and stop, to trip alarms and to shut down equipment. Ranges are available from 30 psi (207 kPa) [2.06 bar] thru 5,000 psi (34.48 Mpa) [344.73 bar].

The 45APE Series utilizes a bourdon tube sensing unit with a stainless steel dual-sector geared movement. Each of the sectors drives separate pointers when pressure is applied to the bourdon tube. The indicating pointer (visible pointer) shows actual pressure reading, including below and beyond the low and high trip points. The low and high trip points are adjustable independently on the gage front lens. The switch operator pointer (behind the dial) is calibrated to follow the indicating pointer. The low and high trip point indicators arrest the switch operator pointer. As pressure decreases or increases through the principal of lost motion, the respective snap-switch is tripped.

The 45APE Series models are widely used in applications requiring pressure indication and Form C low and high pressure switches.

Basic Models

45APE Series gage instrument - Surface mount
(square case) version

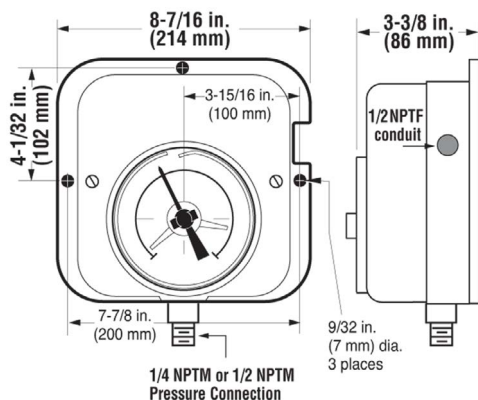
45APEF Series gage instrument - Panel mount
(round case) version



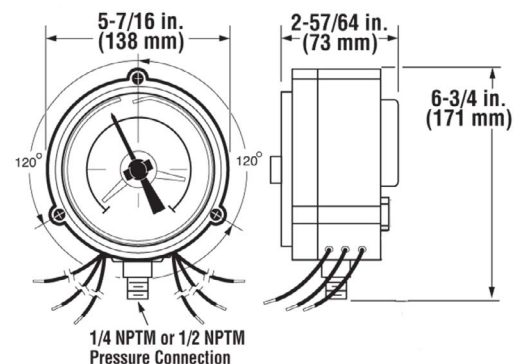
Certain models listed for non-hazardous locations. Pending for hazardous location.

Dimensions

Surface Mount Models



Panel Mount Models



Approximate Shipping Weight and Dimensions		
Model	Weight	Dimension
45APE	5 lbs 6 oz (2.4 kg)	10 x 9 x 6 in. (254 x 229 x 152 mm)
45APEF	5 lbs 6 oz (2.4 kg)	10 x 9 x 6 in. (254 x 229 x 152 mm)
Explosion Proof	21 lb. (9.5 ka)	12 x 12 x 9 in (305 x 305 x 229 mm)