

## Pressure Switch Gauges with Reed Switch

**Description:** These indicating pressure switch gauges with reed contact assemblies are designed to provide economical pressure monitoring, set-point indication, and fast switching for low-power electrical signals. These gauges incorporate a magnetically actuated reed switch capable of operating low-voltage annunciators, lights or relays. These gauges are typically installed on regulators and changeover manifolds to activate an external alarm when a certain predetermined pressure is reached.

The switch set point can be adjusted to any pressure between 2% and 90% of the full scale value by moving the red indicator pin on the front of the gauge dial to the desired set point. These gauges are designed to work on decreasing pressure only. The magnetic indicating pointer “opens” the switch when contact is made with the index. The gauge is designed to move further on the scale while permitting the switch to remain “open”.

### Design Features

- Visual pressure indication
- Switch closure for remote alarming

### Materials

Socket	316 Stainless Steel / Brass
Bourdon Tube	316 Stainless Steel / Brass
Case and Bayonet Ring	304 Stainless Steel

### Pressure Switches

### INDICATING PRESSURE SWITCH GAUGES



Specifications	
Indication Accuracy	+/- 2% of Span
Operating Temperature Range	- 20°F to 165°F
Dial Face Size	2 1/2" Diameter
Connection Size	1/4" NPT male
Maximum Switching	Capacity: 10 watts , 10 VA (AC) Current: 0.5 amps DC or AC with resistive load Voltage: 75 Volts DC or 50 Volts AC
Dead Band	2.5% maximum
Connection	39" lead connection cable with 2 wires
Safety Feature	Solid front and full blow-out safety back

### Ordering Information

Product Number	Material	Delivery Pressure Range	Case Configuration	Connection Location	Adjustment Set-point	
					Min (psig)	Max (psig)
Y19-125C20PS	Brass	0-200 psig	Radial	Bottom	4	180
Y19-125C60PS	Brass	0-600 psig	Radial	Bottom	12	540
Y19-125D30PS	Brass	0-3000 psig	Radial	Bottom	60	2700
Y19-125C60PMPS	Brass	0-600 psig	Panel Mount	Lower Back	12	540
Y19-125D30PMPS	Brass	0-3000 psig	Panel Mount	Lower Back	60	2700
Y19-425C20PS	Stainless Steel	0-200 psig	Radial	Bottom	4	180
Y19-425C60PS	Stainless Steel	0-600 psig	Radial	Bottom	12	540
Y19-425D30PS	Stainless Steel	0-3000 psig	Radial	Bottom	60	2700
Y19-425C60PMPS	Stainless Steel	0-600 psig	Panel Mount	Lower Back	12	540
Y19-425D30PMPS	Stainless Steel	0-3000 psig	Panel Mount	Lower Back	60	2700

Warning: Not for use with flammable gases without an intrinsically safe barrier