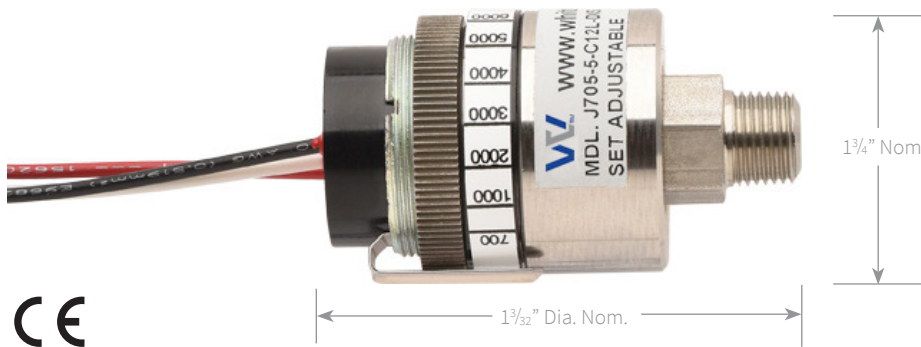


J705

High Pressure High Set Point Pressure Switch

OVERVIEW

The Whitman Controls J705 High Pressure High Set Point Pressure Switches are among our most durable products, affording the end user higher set points to complement more severe environments without sacrificing set point repeatability. These switches are designed for use with various oils, waters, and assorted gases, and are resilient against impeller spikes from pumps. These switches can see pressure spikes to 9,000 psig without comprising switch integrity or functionality. They are available with several internal O-ring options, assorted fittings and electrical connectors to meet any custom application.



SENSOR CODE AND PERFORMANCE CHARACTERISTICS

Table A			Table B	
SENSOR CODE	MAXIMUM SYSTEM PRESSURE*	SET POINT REPEATABILITY	SET POINT RANGE	
			PSIG	PSIG
3	3000	± 25.0	500	500
		± 50.0	1000	1000
		± 75.0	1500	1500
		± 100.0	2000	2000
		± 125.0	2500	2500
		± 150.0	2800	3000
4	5000	± 45.0	600	600
		± 60.0	1000	1000
		± 85.0	1500	1500
		± 100.0	2000	2000
		± 125.0	2500	2500
		± 150.0	3000	3000
		± 175.0	3500	3500
		± 200.0	4000	4000
5	6000	± 65.0	700	700
		± 75.0	1000	1000
		± 85.0	1500	1500
		± 100.0	2000	2000
		± 150.0	3000	3000
		± 200.0	4000	4000
		± 250.0	5000	5000
		± 300.0	5500	6000

KEY FEATURES

- Extremely resilient with the ability to withstand pressure spikes to 9,000 psig
- High durability with higher set points to complement more severe environments
- **Set point options:** Factory set, field adjustable, or a combination
- Extensive operating temperature range
- Wide range of electrical interfaces available
- SPDT or SPST availability

SPECIFICATIONS

- **Set Point Range:** 500 to 6,000 PSIG
- **Max System Pressure:** 6,000 PSIG
- **Temperature Range:** -65°F to +225°F (-54°C to +107°C)
- **Amps:** 5 Amps Max
- **Sensor Element:** Piston
- **Weight:** 4.0 oz (varies slightly with electrical interface selection)
- **Cycling:** Not to exceed 20 CPM
- **Wetted Parts:**
Piston: 17-4 PH
O-Ring: Buna N standard, special materials available upon request
Fitting: 303 Stainless steel
Standard Thread: 1/8-27 NPT male

*Exceeding sensor capacity may cause shift in set point
 CAUTION: Customer Media and environment must be compatible with construction materials as outlined above