

## TYPE 29



- An off-line seal with a threaded connection and all welded, all metallic housing design that does not utilize an o-ring or gasket
- Can be used for remote mounting of pressure instrument(s) with capillary
- Designed with a larger diameter diaphragm for higher displacement capability
- A variety of upper and lower housing and diaphragm materials are available to suit most applications
- A flushing port is available to clean wetted areas and prevent process media build up
- Consider instrument size, pressure range, media composition, ambient and operating temperature, and maximum working pressure when selecting
- Capillaries and cooling elements are available for elevated process temperatures, see page 24
- Fill fluid must be compatible with process media; i.e. Glycerin may become volatile in conjunction with a strong oxidizing agent such as chlorine, forms of oxygen or peroxide and nitric acids

### APPLICATIONS

- Water and wastewater
- Oil and gas
- Petrochemical
- Chemical processing
- Industrial automation
- Marine
- Agriculture
- Steel fabrication
- Mud pumping
- Pulp and paper
- Pneumatic

### SPECIFICATIONS

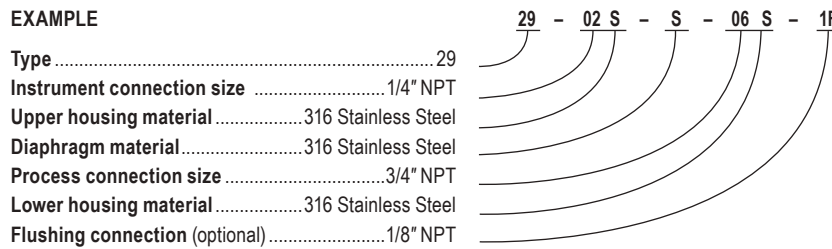
Seal type	Threaded with welded diaphragm.			
<b>Instruments</b>	<b>Type</b>	<b>Size</b>	<b>Minimum Pressure</b>	<b>Maximum Pressure</b>
	Gauges	2-1/2" to 4-1/2"	0 psig to 30 psig	0 psig to 2,500 psig
	Transducers	-	0 psig to 30 psig	0 psig to 2,500 psig
	Switches	-	0 psig to 30 psig	0 psig to 2,500 psig
<b>Upper housing</b>	<b>Type</b>	Continuous duty		
	<b>Connections</b>	1/4" NPT, 1/2" NPT		
	<b>Materials</b>	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
<b>Diaphragm</b>	<b>Size</b>	2.1"		
	<b>Displacement</b>	1.5 ml		
	<b>Materials</b>	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
<b>Lower housing</b>	<b>Connections</b>	1/4" NPT, 1/2" NPT, 3/4" NPT, 1" NPT		
	<b>Materials</b>	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
	<b>Flushing port</b>	Optional 1/8" NPT and 1/4" NPT		
<b>Operating temperature</b>	Operating temperature is determined by the temperature/pressure configuration. See Material Temperature table.			

ORDERING INFORMATION				
TYPE	29			
INSTRUMENT CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT		
UPPER HOUSING MATERIALS	H Hastelloy C-276	M Monel 400	P Carpenter 20	S 316 Stainless Steel
DIAPHRAGM MATERIALS	H Hastelloy C-276	M Monel 400*	P Carpenter 20*	S 316 Stainless Steel
PROCESS CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT		
LOWER HOUSING MATERIALS	H Hastelloy C-276	M Monel 400	P Carpenter 20	S 316 Stainless Steel
OPTIONAL FLUSHING CONNECTIONS	1F 1/8" NPT	2F 1/4" NPT		
OPTIONAL FLUSH PORT PLUG	P (Flush port plug will match lower housing material.)			

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

\* When selecting a Monel or Carpenter 20 Diaphragm, the upper & lower housing must be the same material

EXAMPLE



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