

# Sanitary, Clamped-Style, ASME-BPE

## TYPE 12



- Features a flush mount diaphragm and all welded construction, ideal for food & beverage, pharmaceutical and sanitary markets
- Can be used for remote mounting of pressure instrument(s) with capillary
- Wetted parts and all welded housing are constructed of 316 stainless steel for greater strength and durability
- Accommodates process connection pipes from 1-1/2" through 3" sizes
- Clamped connection allows ease of installation and removal of seal for maintenance and cleaning
- Wetted materials polished to Ra 32 or better
- 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. Glycerine 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
- Food and beverage
- Marine
- Agriculture
- Steel fabrication
- Mud pumping
- Pharmaceutical
- Pulp and paper
- Pneumatic

### SPECIFICATIONS

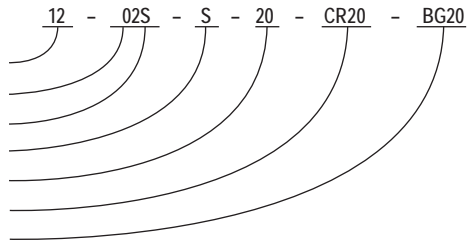
Seal type		Sanitary clamp, welded diaphragm			
Instruments	Type	Size	Minimum Pressure	Maximum Pressure	
	Gauges	2-1/2" to 4"	0 psig to 30 psig	Determined by the clamping device and piping system.	
	Transducers	-	0 psig to 30 psig		
	Switches	-	0 psig to 30 psig		
Upper housing	Type	Continuous duty			
	Connections	1/4" NPT, 1/2" NPT			
	Materials	316 Stainless steel			
Diaphragm		1-1/2" Pipe	2" Pipe	2-1/2" Pipe	3" Pipe
	Size	1.4"	1.9"	2.4"	2.9"
	Displacement	190 mm <sup>3</sup>	490 mm <sup>3</sup>	850 mm <sup>3</sup>	1,670 mm <sup>3</sup>
	Material	316 Stainless steel			
Operating temperature		Operating temperature is determined by the temperature/pressure configuration. See Material Temperature table.			

ORDERING INFORMATION				
TYPE	12			
INSTRUMENT CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT		
UPPER HOUSING MATERIAL	S 316 Stainless steel			
DIAPHRAGM MATERIAL	S 316 Stainless steel			
SANITARY PIPE SIZES	12 1-1/2"	16 2"	20 2-1/2"	24 3"
OPTIONAL SANITARY SEAL CLAMPS & GASKETS				
SS ASME-BPE CLAMPS	CR12 1-1/2"	CR16 2"	CR20 2-1/2"	CR24 3"
NBR GASKETS	BG12 1-1/2"	BG16 2"	BG20 2-1/2"	BG24 3"
PTFE GASKETS	TG12 1-1/2"	TG16 2"	TG20 2-1/2"	TG24 3"

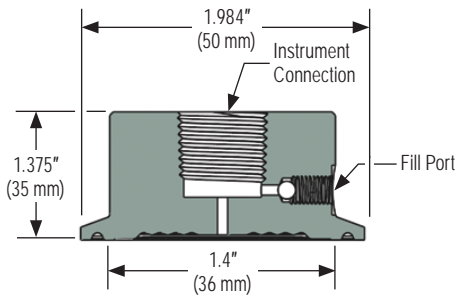
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

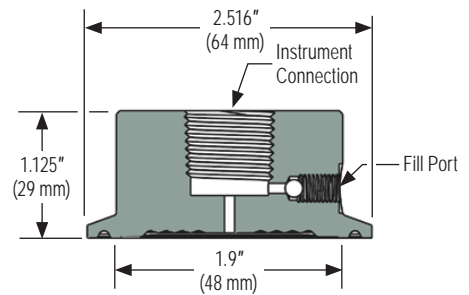
Type ..... 12  
 Instrument connection size ..... 1/4" NPT  
 Upper housing material ..... 316 Stainless steel  
 Diaphragm material ..... 316 Stainless steel  
 Sanitary pipe size ..... 2-1/2"  
 SS ASME-BPE clamp (optional) ..... 2-1/2" clamp  
 Gasket material (optional) ..... NBR



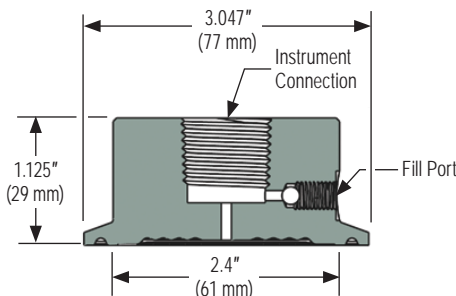
1-1/2" Nominal Pipe Size



2" Nominal Pipe Size



2-1/2" Nominal Pipe Size



3" Nominal Pipe Size

