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. 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
- 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^3	490 mm^3	850 mm^3	1,670 mm^3
	Material	316 Stainless Steel			
Operating temperature	Operating temperature is determined by the temperature/pressure configuration. See Material Temperature table.				

⚠ **WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

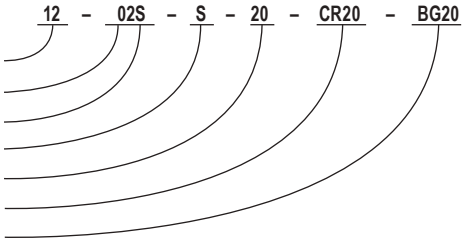
Adaptive Industrial Solutions | sales@adaptiveind.com | (877) 818-5009

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″

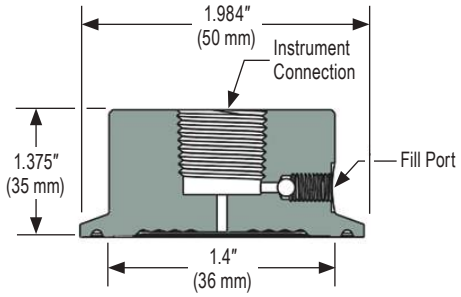
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

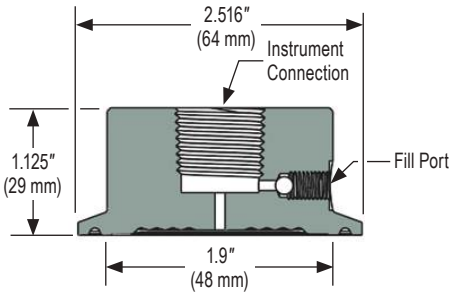
Type 12
Instrument connection size ..... 1/4″ NPT
Upper housing material ..... 316 Stainless Steel
Diaphragm material ..... 316 Stainless Steel
Sanitary pipe size ..... 2-1/2″
SS ASME-BPE clamp (optional) ..... 2-1/2″ clamp
Gasket material (optional) ..... NBR



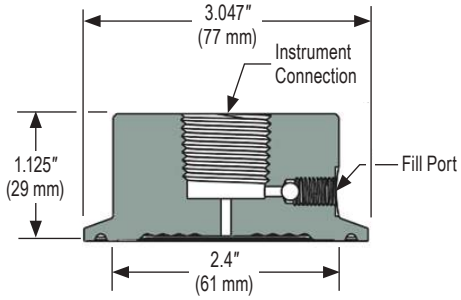
1-1/2″ Nominal Pipe Size



2″ Nominal Pipe Size



2-1/2″ Nominal Pipe Size



3″ Nominal Pipe Size

