

Front Flush

TYPE 20



APPLICATIONS

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



Front flush diaphragm

- Designed for applications requiring an NPT male threaded process connection and with a flush diaphragm
- Flush diaphragm construction prevents clogging and process material build-up
- Constructed with a 316 stainless Steel housing and diaphragm for strength and durability
- Available instrument connection sizes are 1/4" and 1/2" with a process connection size of 1/2" NPT male to 2" NPT male
- 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

SPECIFICATIONS

Seal type	Front flush, welded diaphragm					
Instruments	Type	Size	Minimum Pressure	Maximum Pressure		
Seal Connection Size 1/2" NPT	Gauges	2-1/2"	0 psig to 1,500 psig	0 psig to 9,000 psig		
	Transducers	-	0 psig to 30 psig	0 psig to 9,000 psig		
	Switches	-	0 psig to 30 psig	0 psig to 9,000 psig		
Seal Connection Size 3/4" NPT	Gauges	2-1/2"	0 psig to 160 psig	0 psig to 9,000 psig		
	Gauges	4" to 4-1/2"	0 psig to 1,500 psig	0 psig to 9,000 psig		
	Transducers	-	0 psig to 30 psig	0 psig to 9,000 psig		
Seal Connection Size 1" NPT	Switches	-	0 psig to 30 psig	0 psig to 9,000 psig		
	Gauges	2-1/2"	0 psig to 160 psig	0 psig to 9,000 psig		
	Gauges	4" to 4-1/2"	0 psig to 1,000 psig	0 psig to 9,000 psig		
Upper Housing	Type	Continuous duty				
	Connections	1/4" NPT, 1/2" NPT				
	Material	316 Stainless Steel				
Diaphragm		1/2" NPT	3/4" NPT	1" NPT	1-1/2" NPT	2" NPT
	Size	0.7"	0.9"	1.0"	1.6"	2.0"
	Displacement	50 mm ³	100 mm ³	180 mm ³	550 mm ³	1,000 mm ³
	Material	316 Stainless Steel				
Operating temperature	Operating temperature is determined by the temperature/pressure configuration. See Material Temperature table.					



ORDERING INFORMATION			
TYPE	20		
INSTRUMENT CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT	
HOUSING MATERIAL	S 316 Stainless Steel		
DIAPHRAGM MATERIAL	S 316 Stainless Steel		
PROCESS CONNECTION SIZES	04 1/2" NPT	08 1" NPT	16 2" NPT
	06 3/4" NPT	12 1-1/2" NPT	

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

EXAMPLE

