

Front Flush

TYPE 20



- 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

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

SPECIFICATIONS

Seal type	Front flush, welded diaphragm					
Instruments	Type					
	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	
Seal Connection Size 1/2" 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 1,500 psig		0 psig to 9,000 psig	
Seal Connection Size 3/4" NPT	Transducers	-	0 psig to 30 psig		0 psig to 9,000 psig	
	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	
Seal Connection Size 1" NPT	Gauges	4" to 4-1/2"	0 psig to 1,000 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	
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

