

# Polymer



## TYPE 5

- For wastewater and chemical feed applications, as well as most applications with a corrosive media
- Constructed of corrosion-resistant PP glass fiber reinforced upper housing and PP, PVC or PVDF lower housing
- Protects pressure instruments used on ultra-pure or highly corrosive fluid lines such as demineralized water, sulfuric acid, hydrochloric acid, and caustics
- PTFE-coated EPDM diaphragms are standard on all assemblies
- 100% non-metallic wetted surface assures maximum chemical and temperature compatibility

### APPLICATIONS

- Wastewater and chemical feed
- Deionized water systems
- Reverse osmosis systems
- Desalination systems
- Electroplating

### SPECIFICATIONS

Suitable pressure gauge sizes	2-1/2", 4", 4-1/2" and 6" Will also operate with most transducers, transmitters and pressure switches
Minimum pressure span	30 psig
Maximum working pressure	See temperature / pressure diagrams on next page
Upper housing material	PP
Diaphragm	EPDM-PTFE coated on process side
Lower housing material	PVC, PP or PVDF

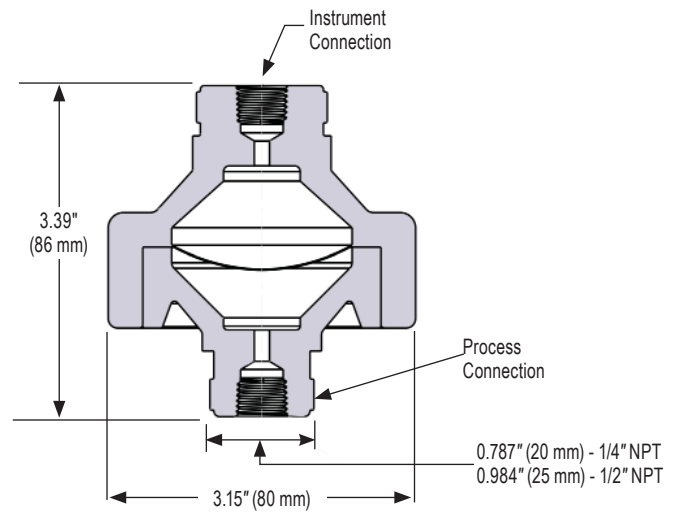
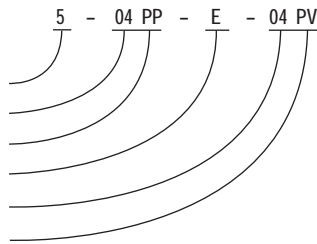
For fill fluid/temperature reference, see Fill Fluid Temperature Table on pg. 81.

ORDERING INFORMATION			
TYPE	5 160 psi maximum pressure		
INSTRUMENT CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT	
UPPER HOUSING MATERIAL	PP PP		
DIAPHRAGM MATERIAL	E EPDM-PTFE coated on process side		
PROCESS CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT	
LOWER HOUSING MATERIALS	PV PVC	PP PP	KN PVDF

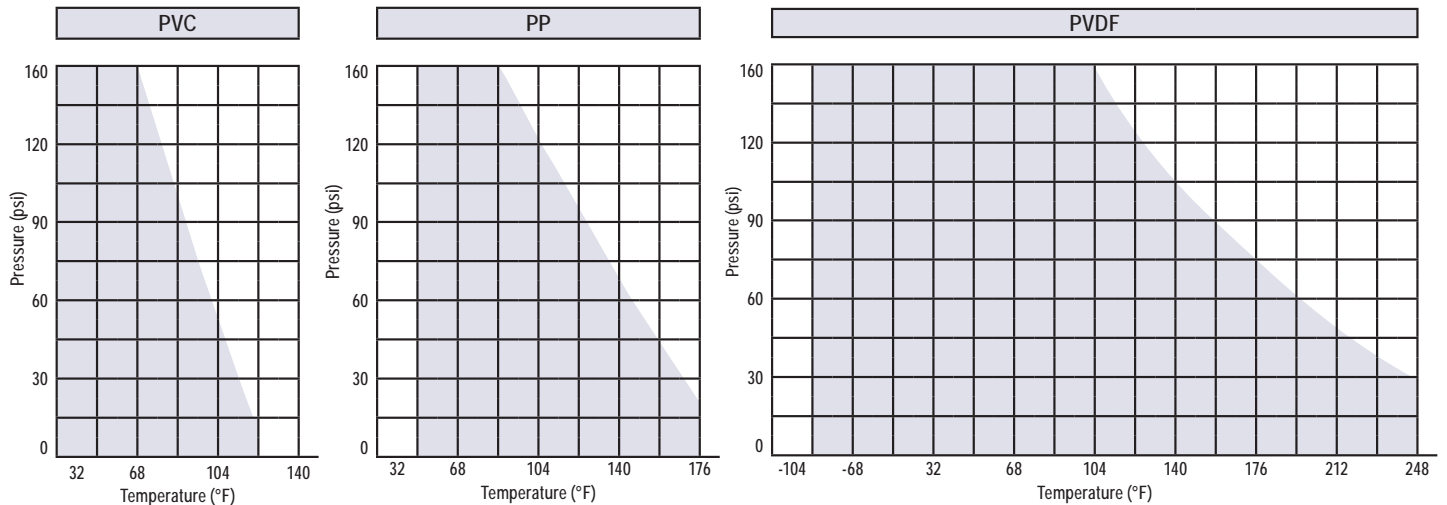
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

### EXAMPLE

Model selection.....Type 5  
 Instrument connection size .....1/2" NPT  
 Upper housing material ..... PP  
 Diaphragm material.....EPDM-PTFE  
 Process connection size .....1/2" NPT  
 Lower housing material .....PVC



### Pressure / Temperature Diagrams



The pressure/temperature limits are applicable for a computed operating life factor of 25 years at 150 psi. The values are a guide for harmless media the material of the seal is resistant against.

Durability of wear and tear parts is depending on the operating conditions of the application. Values below 32 °F (PP < 50 °F) on request with exact data of operation.