

DIAPHRAGM SEAL TYPE PRESSURE GAUGE

Model : P700 Series

Diaphragm Seals Type Pressure Gauge is designed to isolate the sensing element of pressure gauges from the process liquid which may be corrosive, viscous, sedimentous, and/or with high temperature. The diaphragm welded to the upper body and leak proof tested, ensure separation of filling fluid from process medium. These models are usually used for pharmaceutical, chemical, petrochemical, water treatment, paper and food process industries.



Standard Specification

Pressure Gauge Model

P10, P52 and P54 Series

Dial Size

63, 100, 150mm

Degree Protection

Refer to gauge model

Scale Range (bar, psi)

0 ~ 2 bar to 0 ~ 350 bar

Diaphragm Seals Unit

Upper Flange : 304SS

Diaphragm : 316LSS

Diaphragm Gasket : PTFE

Under Flange (Process Side) : 304SS or 316SS

Working Pressure : Refer to gauge scale

Ambient Temperature : -20 ~ 60°C

Process Temperature : -20 ~ 200°C (Standard Fill Fluids)

Options

PTFE Lining for Upper Flange

Micro Adjustable Pointer

Glycerin / Silicon Oil Filled

Capillary Length

Pressure Gauge Ordering Information

Model

P701 : Threaded Process Connection

P711 : Screwed Process Connection

P721 : "I" Type Flange Process Connection

P731 : Flange Type Process Connection

P702 : Threaded Process Connection with Remote Capillary

P712 : Direct Screwed Process Connection with Remote Capillary

P722 : "I" Type Flange Process Connection with Remote Capillary

P732 : Flange Type Process Connection with Remote Capillary

Gauge Model

P10 / P52 / P54

Dial Size

63, 100, 150mm

Scale Range (bar)

0~2; 0~10; 0~25; 0~40; 0~100; 0~250;

0~4; 0~16; 0~30; 0~50; 0~150; 0~350

0~6; 0~20; 0~35; 0~70; 0~200;

Process Connection Type

1/2" NPT (M)

Flange end standard and size (refer flange type)

Example of Order

Model

P701

Gauge Model

P52

Dial Size

100mm

Range

0 ~ 10 bar/psi

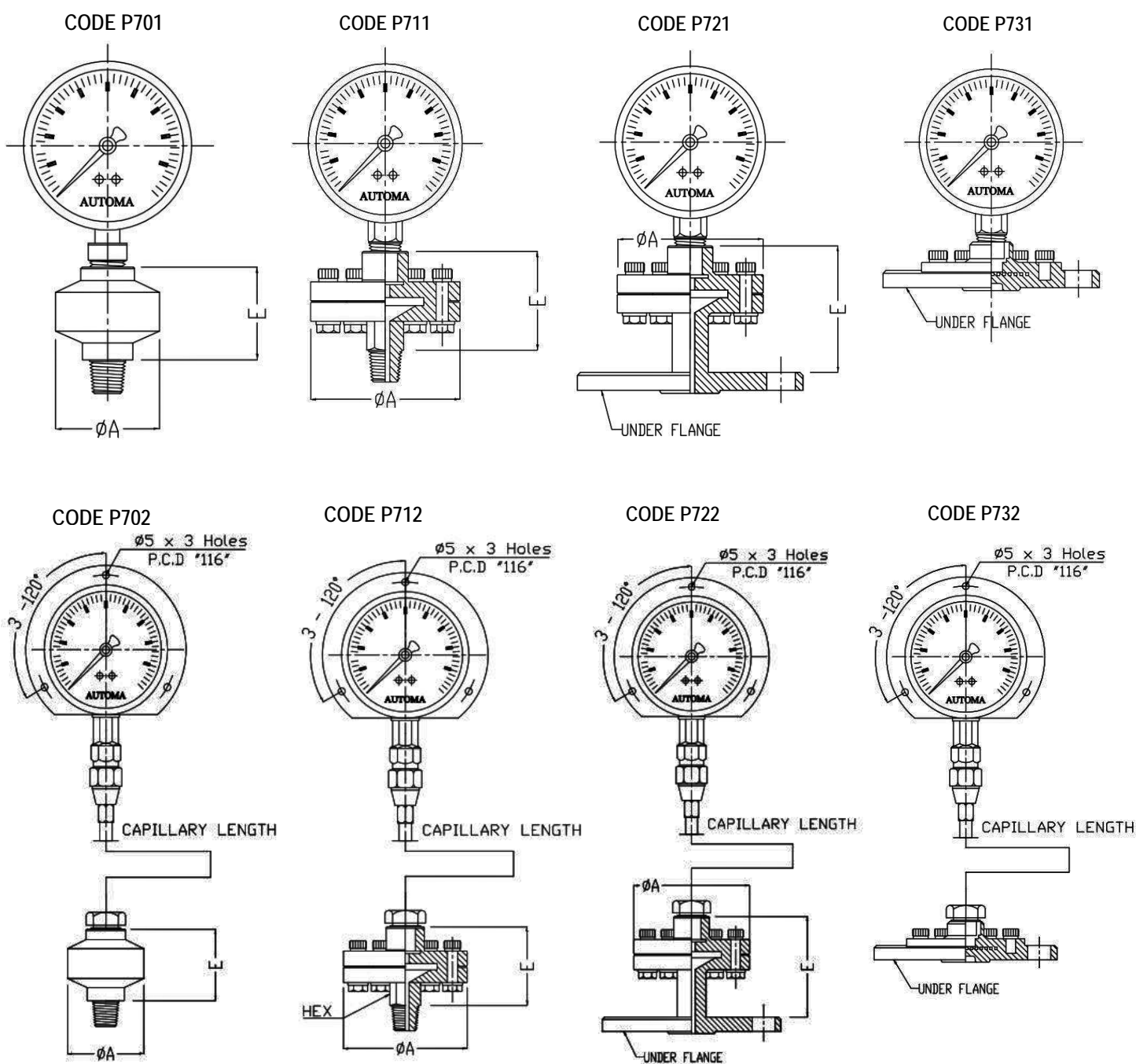
Connection

1/2" NPT

Options

Silicon Oil Filled

Basic Dimensions



Unit : mm

Dial Size	Code	A	E	HEX
100	P701, P702	61.8	55	
100	P711, P712	97.0	62.0	24.0
100	P721, P722	97.0	83.0	

*Gauge dimension refer to gauge model