

## DIAPHRAGM PRESSURE GAUGE

DIAPHRAGM ELEMENTS ARE DESIGNED TO PREVENT SOME SERVICE MEDIA FROM ENTERING INTO THE PRESSURE GAUGE OR TO BE EASY FOR CLEARING THE PLACE WHERE THE PRECIPITATION IS RESIDED. IT IS SUITABLE FOR MEASURING THE PRESSURE OF THE SERVICE MEDIA WHICH IS HIGH CORROSIVE AND EASILY CRYSTALLIZED, OR WITH FLOATING SOLID. PROCESS CONNECTIONS CAN BE FLANGED OR SCREWED. IT FEATURES A STAINLESS STEEL HOUSING AND DIAPHRAGM AND CAN BE SPECIFIED TO FIT YOUR NEEDS. ELECTRICAL CONTACTS, LIQUID FILLING OR THERMOWELL ARE OPTIONS



SINGLE FLANGE-EXTRA LONG



DIRECT OUTER THREAD-  
EXTRA LONG



DIRECT OUTER THREAD



DUAL FLANGE



SINGLE FLANGE

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### NO. 5 HYGIENE GRADE FOR FOOD

FACILITIES IN THE FOOD, BEVERAGES AND MEDICINE INDUSTRIES REQUIRE HIGH-PRECISION TEMPERATURE MEASUREMENT AND MONITORING IN HYBRID PRODUCTION PROCESSES. THE HYGIENE TYPE DIAPHRAGM PRESSURE GAUGE IS MOSTLY SUITABLE FOR SUCH AN APPLICATION. IT FEATURES A STAINLESS STEEL HOUSING AND DIAPHRAGM AND CAN BE SPECIFIED TO FIT YOUR NEEDS



### NO. 9 LONG DISTANCE TYPE (FOR HIGH TEMPERATURE & PRESSURE)

THE DIAPHRAGM IS INSTALLED IN THE BOTTOM FOR EASY CLEANING. APPLICABLE FOR HIGH PRESSURE UP TO 1000KG/CM<sup>2</sup>. LONG SHAPE OF THE DESIGN CAN HELP TO LOWER DOWN THE TEMPERATURE TO PROTECT THE MEASURING INSTRUMENTS; OPERATING TEMPERATURE IS AVAILABLE UNDER 330°C.



## DIAPHRAGM PRESSURE GAUGES

Connection Sealed Type No. 3 &  
Separable Type No. 4



### APPLICATIONS

Diaphragm pressure gauges are used when medium is corrosive, contaminated, viscous or with particles. Type No. 3 & 4 series are particularly used in chemical and petrochemical industry, mechanical engineering, plant and apparatus construction.

### SPECIFICATIONS

<b>Instruments:</b>	All series pressure gauges and pressure transmitters are available
<b>Connection (Thread)</b>	1/4" ; 3/8" ; 1/2" ; 3/4" ; 1" PT / NPT, male or female thread
<b>Upper diaphragm Housing</b>	SS304 standard, SS316 available Diameter Ø70 & Ø90 mm
<b>Lower diaphragm Housing</b>	SS304 ; SS316 Diameter Ø70 & Ø90 mm
<b>Diaphragm</b>	SS316 standard
<b>Screws on housing</b>	SS304 standard, other materials available made-to-order
<b>Temperature</b>	medium +80°C
<b>Filling fluid</b>	Glycerin or silicon oil standard
<b>Pressure ranges</b>	General type: 0 / 0.6 ~ 0 / 60 kg/cm <sup>2</sup> (bar), positive, negative or compound