

TRANSMITTING PRESSURE GAUGE

FOR PRESSURE INDICATION

WHERE HYGIENE,

CORROSION,

VISCOSITY OR

SOLIDIFICATION

ARE A FACTOR



TEFLON® WETTED PARTS

Designed to provide pressure indication in situations where conventional pressure gauges would block, or where only a flush diaphragm in contact with the process medium is desirable. Typical duties include hygienic, corrosive, waste and viscous fluids in the food, chemical and water industries. Especially suitable for use with slurries or in situations where the process fluid may solidify.

The pressure gauge, dependent on order code selected, can be direct mounted to the isolating diaphragm seal or remote from the measurement point via capillary.

Pressure gauge, interconnecting capillary and diaphragm system are liquid charged using a high

HIGH VACUUM FILLING PROCEDURE

vacuum filling procedure to provide sensitive, stable operation with minimum temperature effects.

The pressure gauge is of all stainless steel safety pattern construction and has a truly integral baffle wall between the gauge internals and the dial and there is no dependence on welded joints as previously used in safety pattern construction.

The "Safecase" blow out back provides greater operator protection than the requirements of AS 1349 and EN837.

The gauge can be nominated by order code as 100mm or 160mm diameter.

FILL LIQUID TO SUIT DUTY

100 OR 160mm DIAL INDICATOR

SPECIFICATION

Transmitter

316 stainless steel flange and diaphragm

Accuracy

± 1% of range.

Overload

125% of range

Temperature Ambient

-10 to 70°C

Process Connection

Flange, see over

Capillary

Fine bore copper with an outer sheath of fire retardant grade plastic compound or fine bore stainless steel within a spiral outer of stainless steel armour.

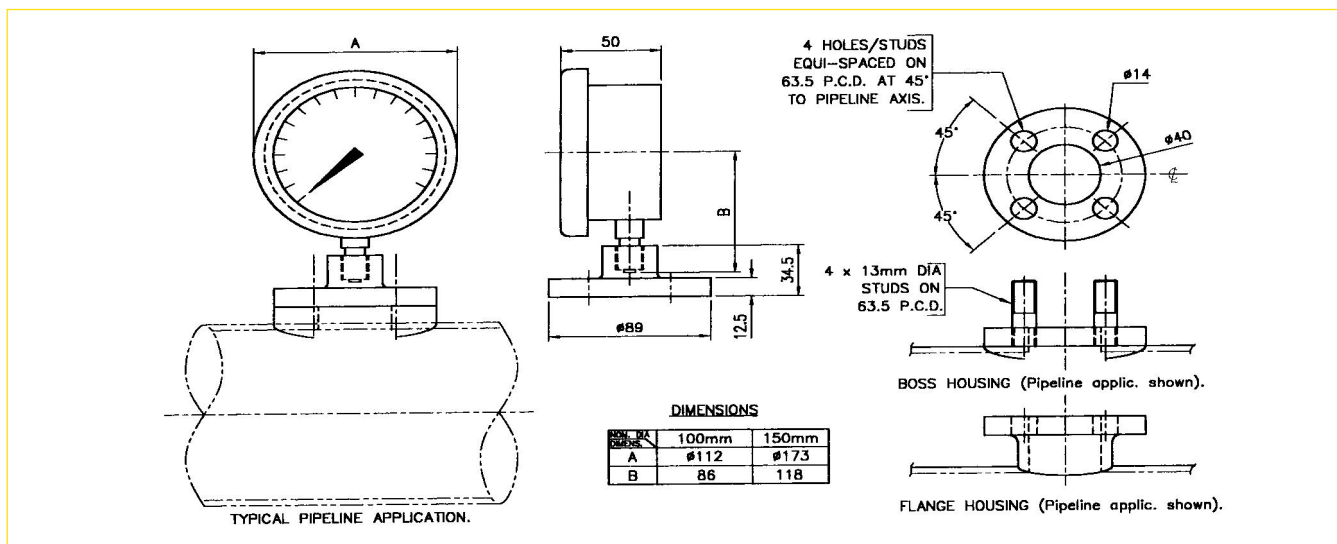
Range

0-100kPa minimum 0-16,000kPa maximum.

Process Temperature

-40 to 200°C depending on fill fluid.

® Teflon is a registered trademark of Dupont



ORDER CODE

TC	CODE	INSTALLATION																										
	R	Remote gauge connected to isolating diaphragm seal via 2m fine bore copper capillary with an outer sheath of fire retardant grade plastic compound.																										
	RSS	Remote gauge connected to isolating diaphragm seal via 2m fine bore stainless steel capillary within a spiral outer of stainless steel armour.																										
	D	Direct mounted to Gauge.																										
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OPTIONS

N.A.T.A. Calibration
All Teflon® wetted parts
Alternative calibration units.

Electric Contacts
Other wetted part metals
Other isolating diaphragm seals available.

Variety of fill fluids available for high temperature, low temperature, food, oxygen and chlorine applications.

THE COMPANY RESERVES THE RIGHT TO MODIFY THIS DESIGN WITHOUT NOTIFICATION

Measurement Resources Pty Ltd

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