

General Specifications

Threaded Connections Male (Plug Seals)

Specification Type PC

Application

Primarily used in chemical and Water industries, and particularly useful when small connection sizes are required for measuring pressure, level and flow.

Configuration

Gauge pressure only. In all cases a Low Volume cover flange must be fitted to all DP type transmitters to reduce fill quantity and therefore reduce errors induced by ambient temperature change. Gauge pressure transmitters require a G1/2" process connection.

Process Connection and Sizes

1-1/2" & 2" NPT

1-1/2" & 2" BSPT

For other sizes contact our sales office.

Seal Construction

Machined from bar stock.

Diaphragm welded directly into the seal body.

Wetted Materials

316/316L Dual Certified Stainless Steel (standard)
Other materials available upon request.

Capillary

Available in 1 to 10 metre lengths. Capillaries must be of matching lengths for differential systems.

Capillary Armour

PVC coated 304 Stainless Steel (standard)

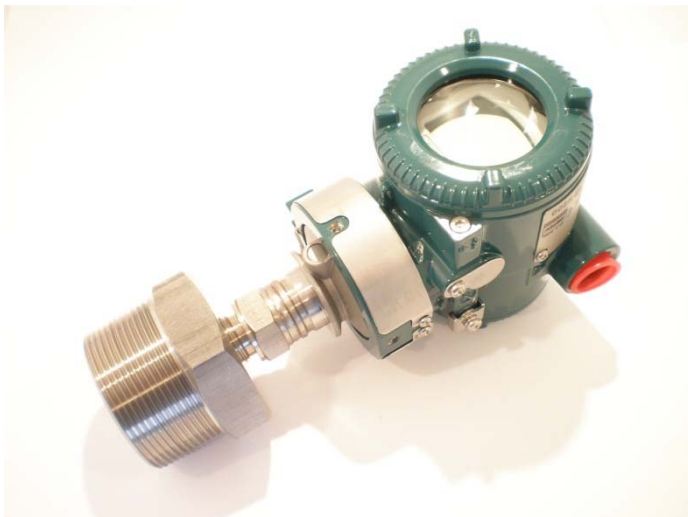
For processes with temperatures over 100°C spiral wound 304 Stainless Steel.

Zero Stability

Stability will be affected by the instrument configuration, ambient temperature, process temperature, connection size (diaphragm size) and the measuring range. Please contact to discuss temperature effects and instrument accuracy.

Dimensional Drawings & System Configuration

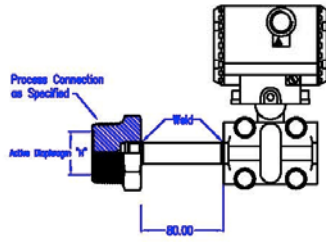
Refer to Dimensional Drawings.



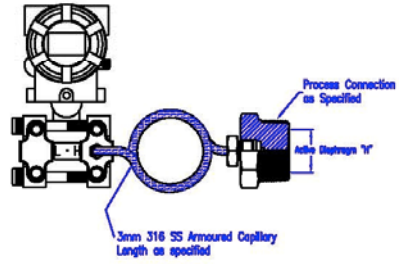
General Specifications

Threaded Connections Male – Type PC		Suffix Code
Process Connection	Threaded Connection	PC
Connection Type	BSPT Male	TM
	NPT Male	NM
	Special	XX
Connection Size	DN40 (1-1/2")	12
	DN50 (2")	16
	Special	XX
Diaphragm Material	316/316L Stainless Steel	S
	304/304L Stainless Steel	A
	Hastelloy C-276 (MUST have the same Wetted parts)	H
	Monel 400 (MUST have the same Wetted parts)	M
	Titanium Grade 2 (MUST have the same Wetted parts)	I
	PFA (316/316L Stainless Steel coated)	F
	Gold Plated 316/316L Stainless Steel	G
	Nickel 200	N
	Duplex 2205	U
	Special	X
Wetted Parts	316/316L Stainless Steel	S
	304/304L Stainless Steel	A
	Hastelloy C-276 (MUST have the same Diaphragm Material)	H
	Monel 400 (MUST have the same Diaphragm Material)	M
	Titanium Grade 2 (MUST have the same Diaphragm Material)	I
	PFA (316/316L Stainless Steel coated)	F
	Duplex 2205	U
	Special	X
System Configuration	Gauge Pressure System with G-1/2" Connection Direct Mounted TX	G
	Gauge Pressure System with G-1/2" Connection Capillary mounted TX <i>Note: Not recommended</i>	S
	Gauge Pressure System with DP Type TX Direct Mounted	M
	Gauge pressure System with DP Type TX Capillary Mounted <i>Note: Not recommended</i>	P
Capillary / Standoff	Standoff (System Configuration "M") / Heat Neck (System Configuration "G")	AA
	None <i>Note: Only available with System Configuration "G"</i>	00
	1 Metre	01
	2 Metres	02
	3 Metres	03
	4 Metres	04
	5 Metres	05
	6 Metres	06
	7 Metres	07
	8 Metres	08
	9 Metres	09
10 Metres	10	
Fill Liquid	KN32 704 Silicon Oil 30cs (-10°C to +300°C)	A
	KN22 Silicon Oil 100cs (-40°C to +290°C)	B
	KN33 705 Silicon Oil 320cs (-10°C to +400°C)	C
	KN21 Fluorolube 7cs (-20°C to +120°C)	D
	KN55 Ethylene Glycol (-13°C to +196°C)	E
	KN17 Silicon Oil 2cs (-90°C to +80°C for less than 1Bar. -90°C to +180°C for greater than 1Bar)	L
	Special	X

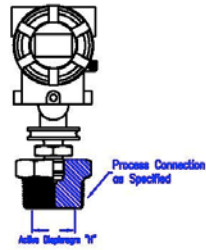
Model PC
Threaded Connections Male (Plug Seal)



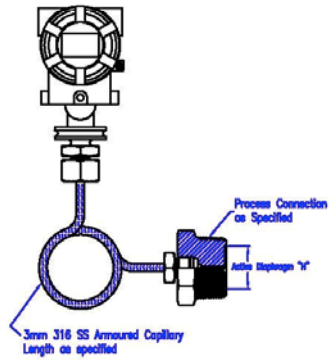
Configuration "M"



Configuration "P"



Configuration "C"



Configuration "S"

Process Connection	"Y"
1-1/2"	40.0
2"	52.0