

Remote Pulp & Paper Seals

Type PA

Application

Primarily used in Pulp and Paper industries for measuring pressure and level.

Configuration

Differential or Gauge pressure. In all cases a Low Volume cover flange must be fitted to all D.P type transmitters to reduce fill quantities and therefore reduce errors induced by ambient temperature change. Gauge pressure transmitters require a G-1/2" process connection.

Process Connection and Sizes

PMC connection
6 Bolt Flange

Seal Construction

Machined out of bar stock with diaphragm welded directly into seal body.

Wetted Materials

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

Capillary

Available in 1 to 5 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. For temperature effects and instrument accuracy please contact us.

Dimensional Drawings & System Configuration

Refer to Dimensional Drawings.



General Specifications



How to Order - Type PA

Model Type

PA = Paper Industry

Connection Type

6BP = 6 Bolt Paper Seal

PMC = PMC Seal

PMW = PMC Seal & Weldment

PTC = Threaded Paper Seal without Weldment **Note: No gasket included**

PTW = Threaded Paper Seal with Weldment **Note: No gasket included**

XXX = Special

Diaphragm Material

S = 316L Stainless Steel

H = Hastelloy C-276

X = Special

Wetted Parts

S = 316/316L Dual Certified Stainless Steel

H = Hastelloy C-276

X = Special

System Configuration

G = Gauge Pressure System with G-1/2" Connection Direct Mounted TX

S = Gauge Pressure System with G-1/2" Connection Capillary mounted TX

M = Gauge Pressure System with DP Type TX Direct Mounted

P = Gauge pressure System with DP Type TX Capillary Mounted

D = Differential Pressure System with Capillary

Capillary / Standoff

AA = Standoff (System Configuration "M") / Heat Neck (System Configuration "G")

00 = None **Note: Only available with System Configuration "G"**

01 = 1 Metre

02 = 2 Metres

03 = 3 Metres

04 = 4 Metres

05 = 5 Metres **Note: Maximum length for PMC & PMW Connections**

06 = 6 Metres

07 = 7 Metres

08 = 8 Metres

09 = 9 Metres

10 = 10 Metres

Fill Liquid

A = 704 Silicon Oil (20°C to 250°C)

B = Silicon Oil 100cs (-30°C to 180°C)

C = KN2.2 Silicon Oil (-40°C to 300°C)

D = Fluorolube (-20°C to 120°C)

E = Ethylene Glycol (-50°C to 100°C)

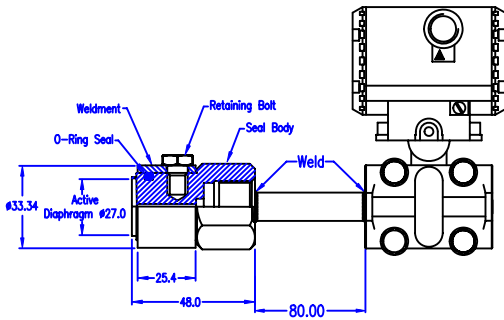
L = KN17 Silicon Oil (-90°C to 180°C)

X = Special

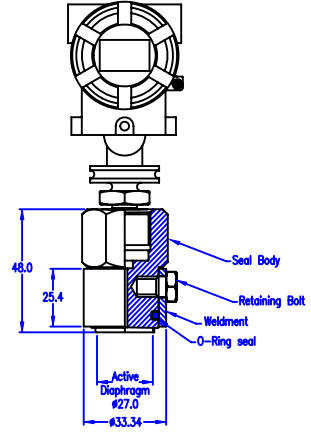


Model PAPMW

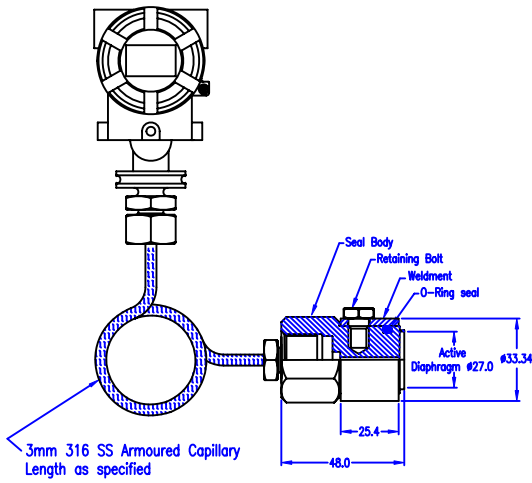
PMC Seal & Weldment



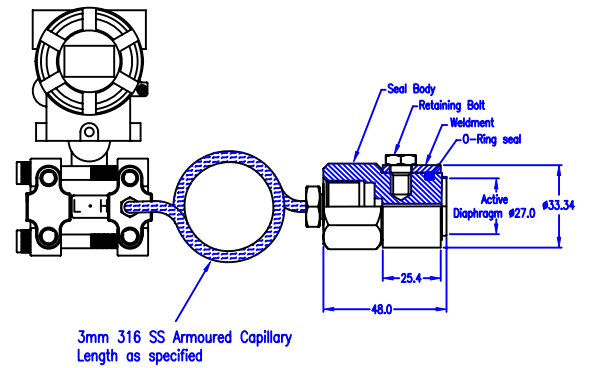
Configuration "M"



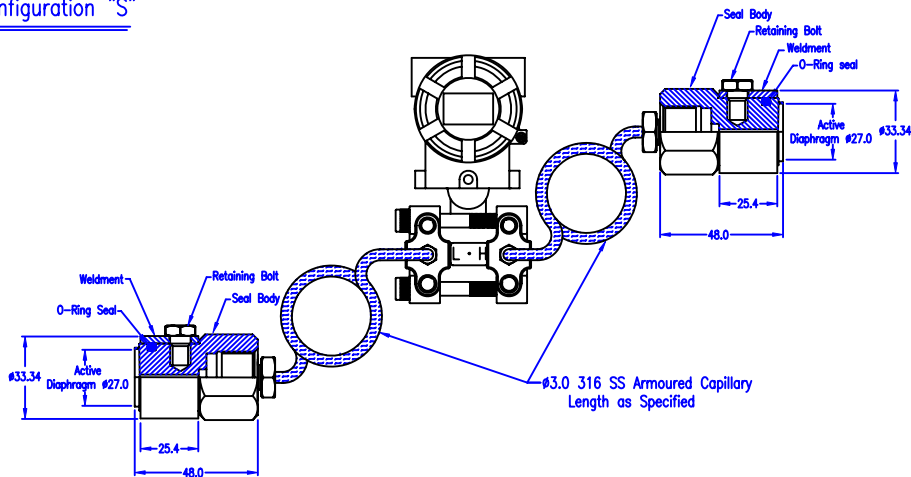
Configuration "G"



Configuration "S"



Configuration "P"

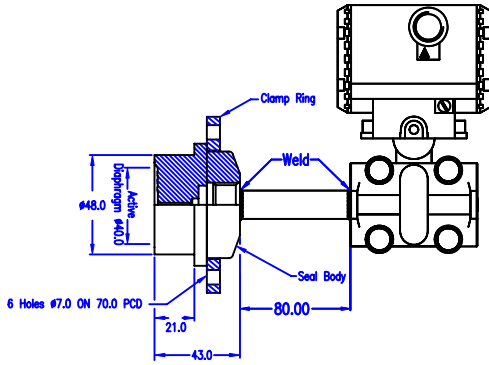


Configuration "D"

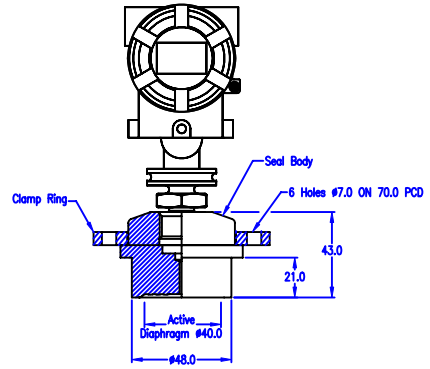


Model PA6BP

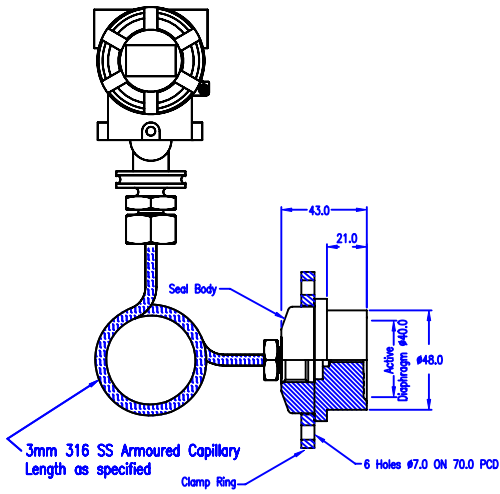
6 Bolt Paper Seal



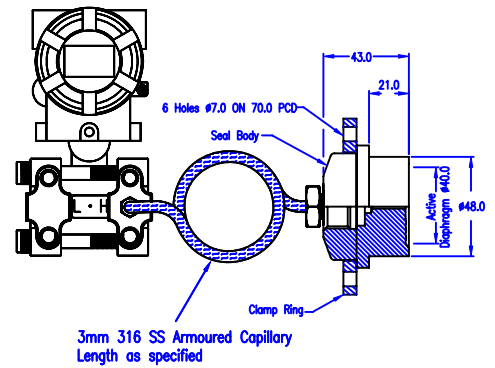
Configuration "M"



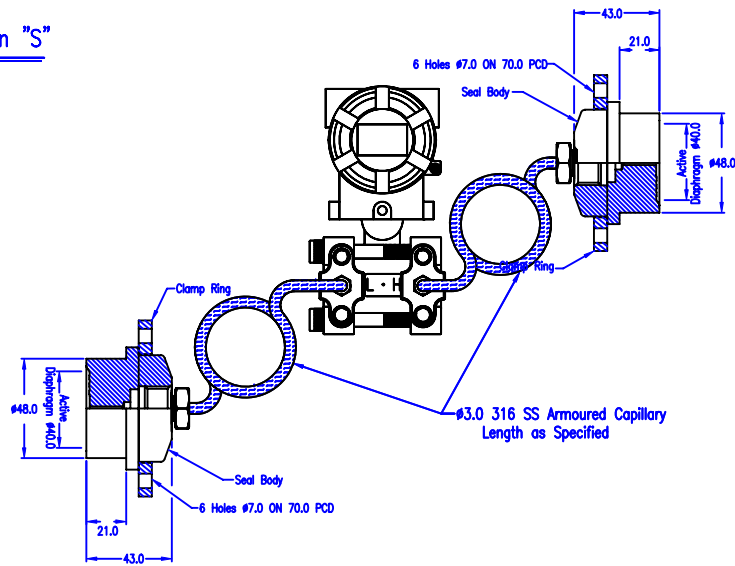
Configuration "G"



Configuration "S"



Configuration "P"

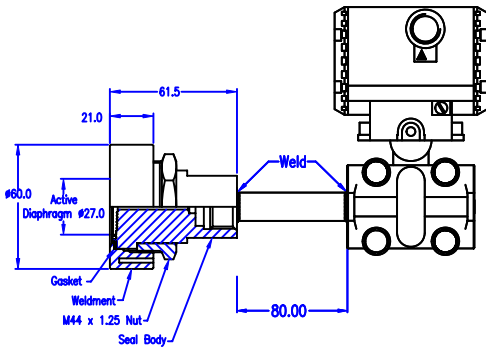


Configuration "D"

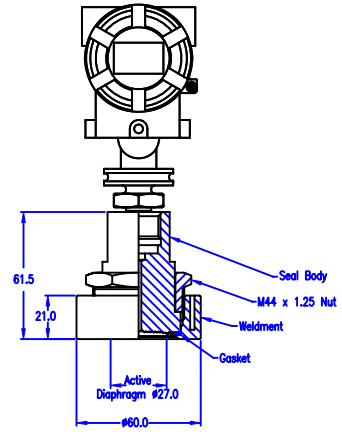


Model PAPTW

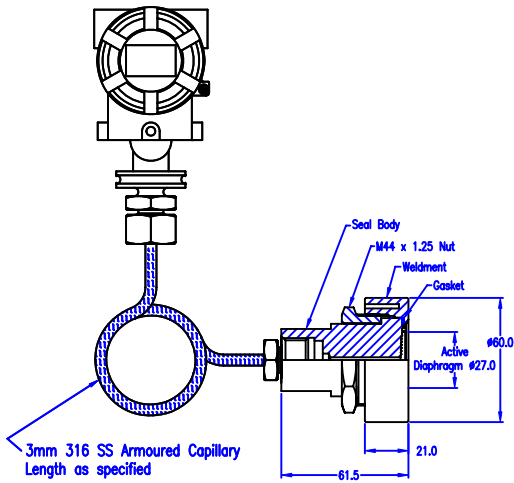
Threaded Paper Seal with Weldment



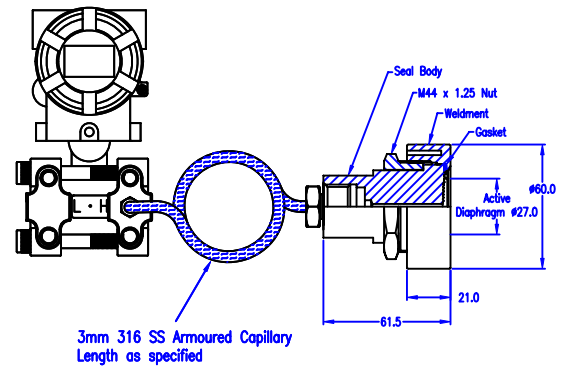
Configuration "M"



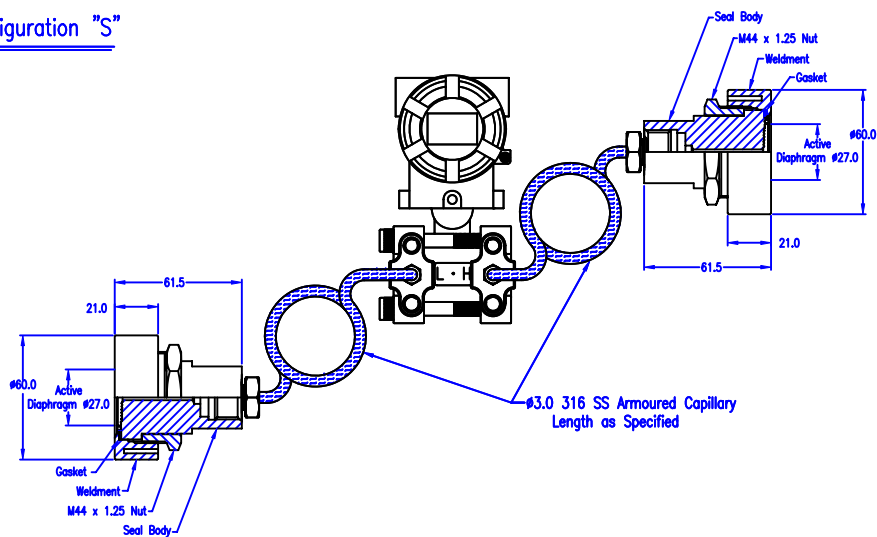
Configuration "G"



Configuration "S"



Configuration "P"



Configuration "D"