

## General Specifications

# Remote Pulp & Paper Seals

## Specification

### 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 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

PMC connection  
6 Bolt Flange  
Threaded Connection

#### 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.  
Please contact to discuss temperature effects and instrument accuracy.

#### Dimensional Drawings & System Configuration

Refer to Dimensional Drawings.

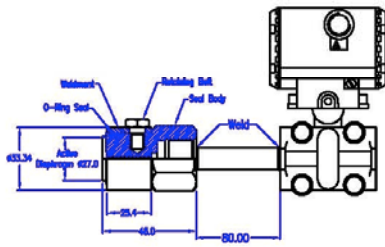


## General Specifications

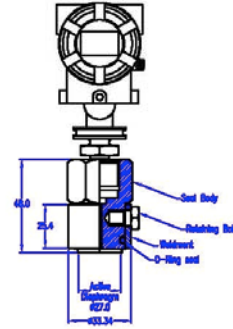
Remote Pulp & Paper Seals – Type PA		Suffix Code
Process Connection	Paper Industry	PA
Connection Type	6 Bolt Paper Seal	6BP
	PMC Seal	PMC
	PMC Seal & Weldment	PMW
	Threaded Paper Seal without Weldment	PTC <i>Note 2</i>
	Threaded Paper Seal with Weldment	PTW <i>Note 2</i>
	Special	XXX
Wetted Material	316/316L Dual Certified Stainless Steel	S
	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	S
	Gauge Pressure System with DP Type TX Direct Mounted	M
	Gauge pressure System with DP Type TX Capillary Mounted	P
	Differential Pressure System with Capillary	D
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

*Note 2: No gasket included*

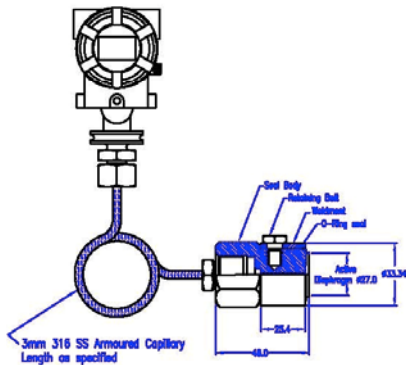
Model PPMW  
PMC Seal & Weldment



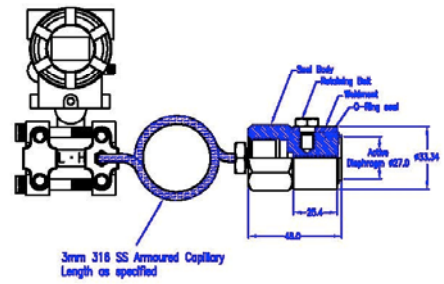
Configuration "M"



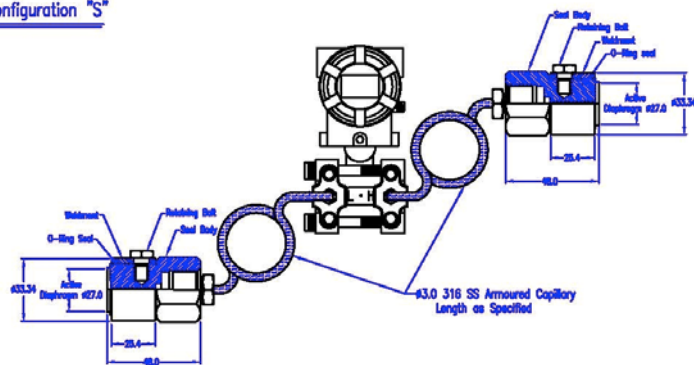
Configuration "G"



Configuration "S"

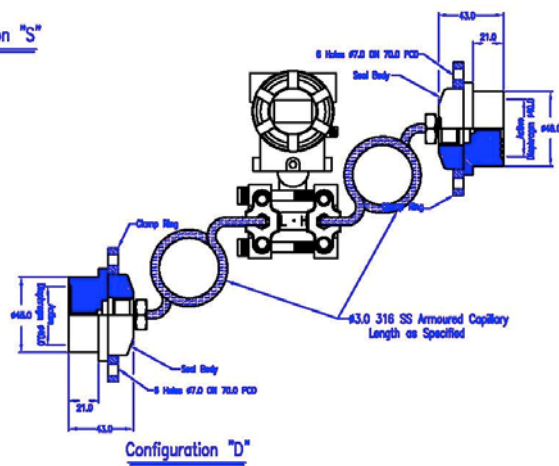
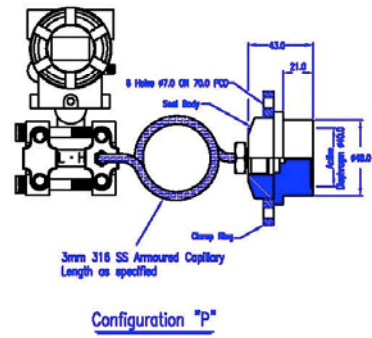
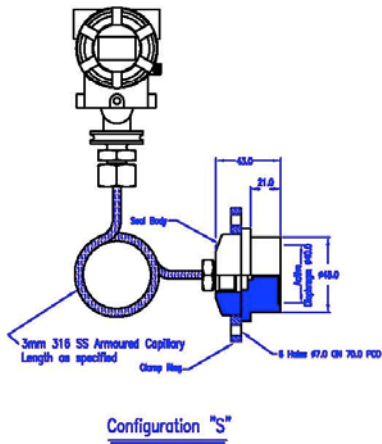
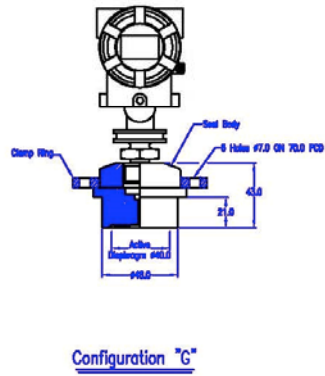
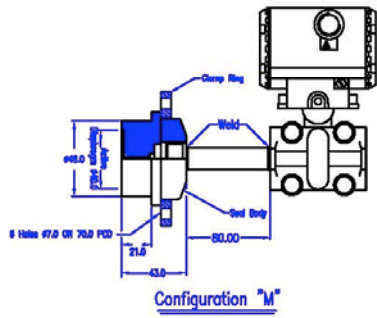


Configuration "P"

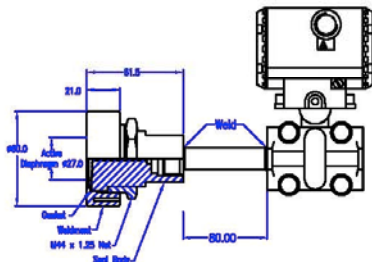


Configuration "D"

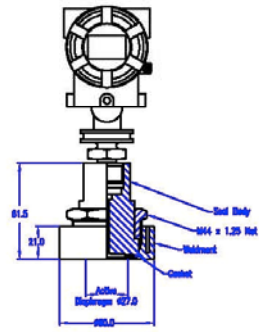
Model PA6BP  
6 Bolt Paper Seal



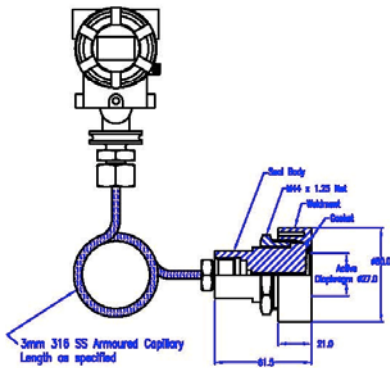
Model PAPTW  
Threaded Paper Seal with Weldment



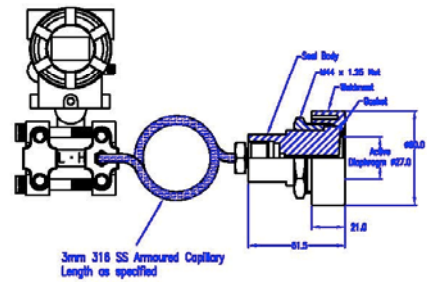
Configuration "M"



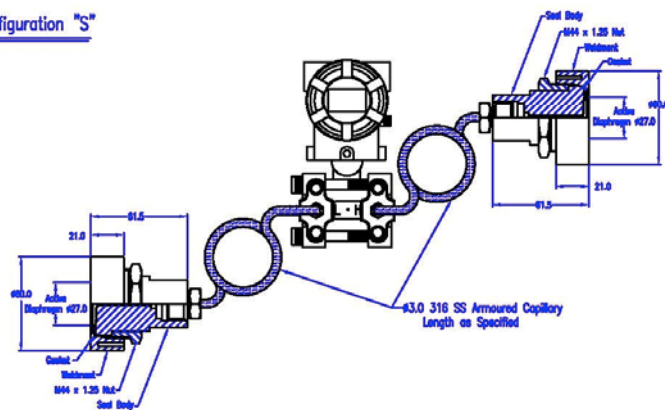
Configuration "G"



Configuration "S"



Configuration "P"



Configuration "D"