

SUMMARY

CHEMICAL

FOOD & PHARMACEUTIC
OIL & GAS PROCESSING

ENERGY

PULP & PAPER

METALS & MINING

WATER & WASTE

OTHERS

**PRESSURE
TRANSMITTERS
FCX-A/C SERIES
SPECIFIC
APPLICATIONS**

CHEMICAL INDUSTRY

Application 1 : FCX-All & CII gold plated seal

Application 2 : FCX-All seal -1" - 150 lbs with tantalum wetted parts

Application 3 : FCX-All level with specific seal gasket face

Application 4 : FCX-All level for strong corrosive conditions

Application 5 : FCX-All P transmitter with specific seals

Application 6 : FCX-All P transmitter with PVDF process cover & 54 mm centers

Application 7 : FCX-CII GP transmitter with DN50 PN100 seal

Application 8 : FCX-All P transmitter with PVDF flanged process connection

Application 9 : FCX-All P transmitter with PVDF insert

Application 10 : FCX-All P transmitter with Tantalum lined process connection

Application 11 : FCX-All P transmitter with PVDF flange adaptor

Application 12 : FCX-All P transmitter with Hast B2 process covers

Application 13 : FCX-All GP transmitter with 3/4" - 150 lbs seal

Application 14 : FCX-All GP transmitter 3" - 600 lbs seal

FCX-All & CII gold plated seal



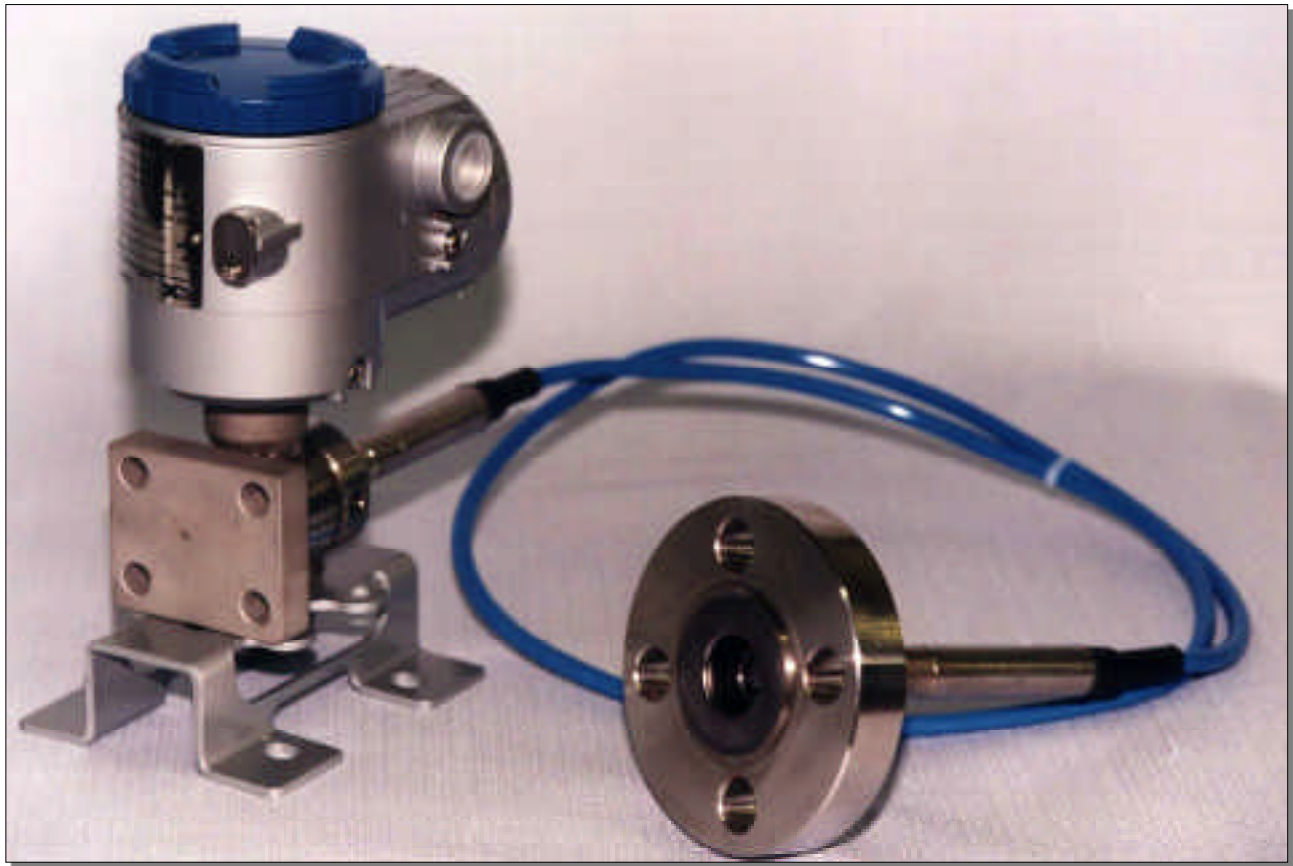
APPLICATION :

Gold plating is applied on the seal for an additional protection against corrosion, or to avoid Hydrogen permeability of the diaphragm.

SPECIFICATIONS :

- Wetted parts of the seal are gold plated,
- Thickness of gold plating is 20 micron, thicker coatings upon request.

FCX-All seal - 1" - 150lbs with Tantalum wetted parts



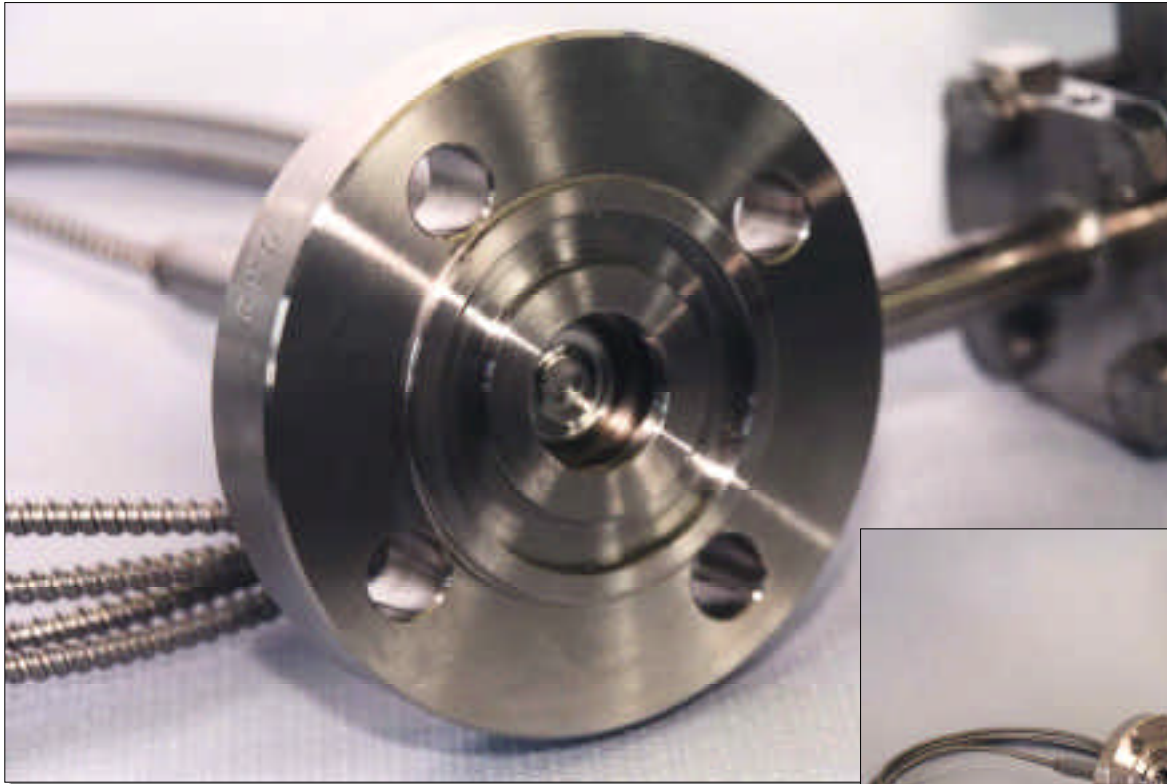
APPLICATION :

Gauge pressure transmitter with remote seal with Tantalum wetted parts.

SPECIFICATIONS :

- Seal with small process connection < DN40 (1 1/2) and active diaphragm diameter of 52mm,
- Diaphragm and other seal wetted parts in Tantalum,
- All welded construction.

FCX-All Level with specific seal gasket face



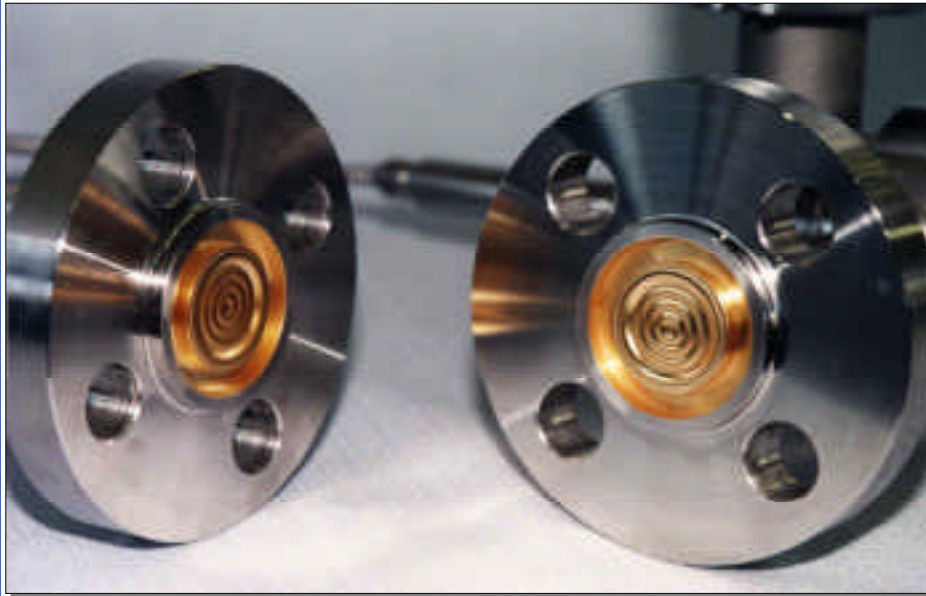
APPLICATION :

DP transmitter with DN25PN40 seals for level measurement on closed tank.

SPECIFICATIONS :

- Seal gasket face with groove for safety purpose,
- Seal with small process connection < DN40 (1 1/2") and active diaphragm diameter of 52mm,
- Wetted parts in Hast C.

FCX-All Level for strong corrosive conditions



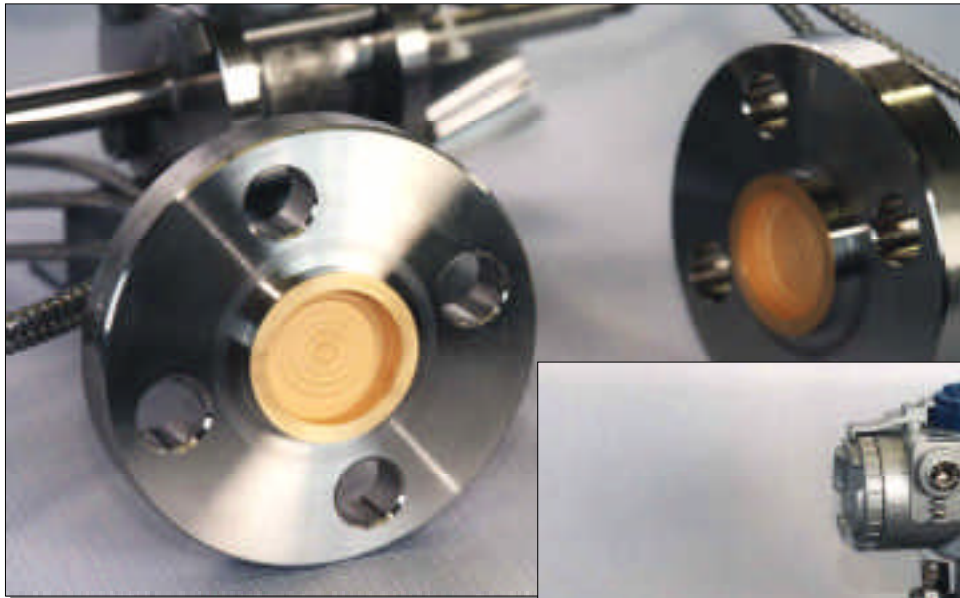
APPLICATION :

DP transmitter with DN25PN40 seals for level measurement on closed tank.

SPECIFICATIONS :

- Seal gasket face with groove,
- Gold coating for additional corrosion protection,
- Flush diaphragm and seal design according customer request.

FCX-All P transmitter with specific seals



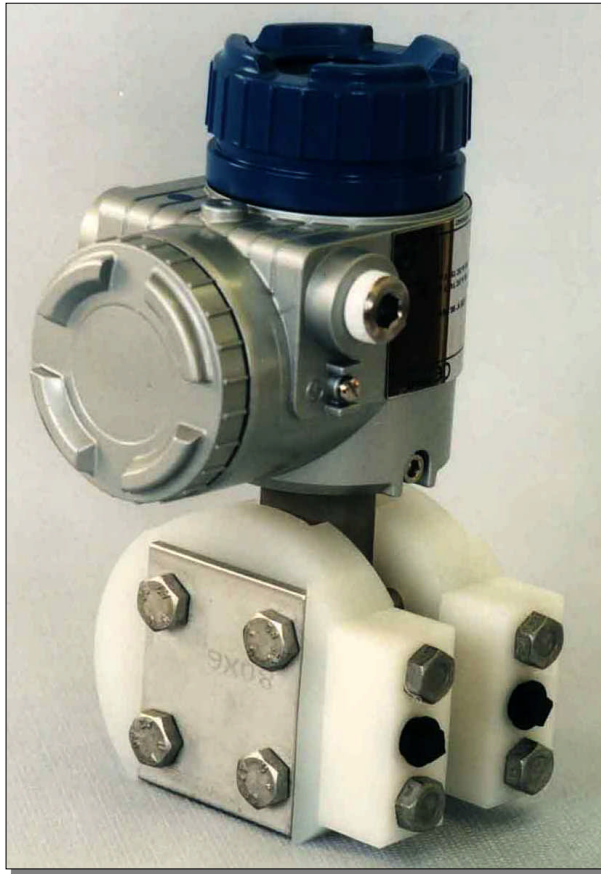
APPLICATION :

Differential or level measurement on closed tank on high corrosive process.

SPECIFICATIONS :

- 3/4" - 300lbs seals with spigot on gasket face,
- All welded construction,
- Diaphragm and other seal wetted parts in stainless steel with additional gold plating to protect against corrosion.

FCX-All P transmitter with PVDF process cover & 54mm centers



APPLICATION :

Differential pressure transmitter for high corrosive process like Chlorine, Hydrochloric acid, Sulfuric acid etc.

SPECIFICATIONS :

- Process connections at 54mm centers for possible manifold mounting,
- Process cover in PVDF, Square section gasket in PTFE,
- Wetted cell parts in Tantalum or Hast C,

FCX-CII GP transmitter with DN50 PN100 seal



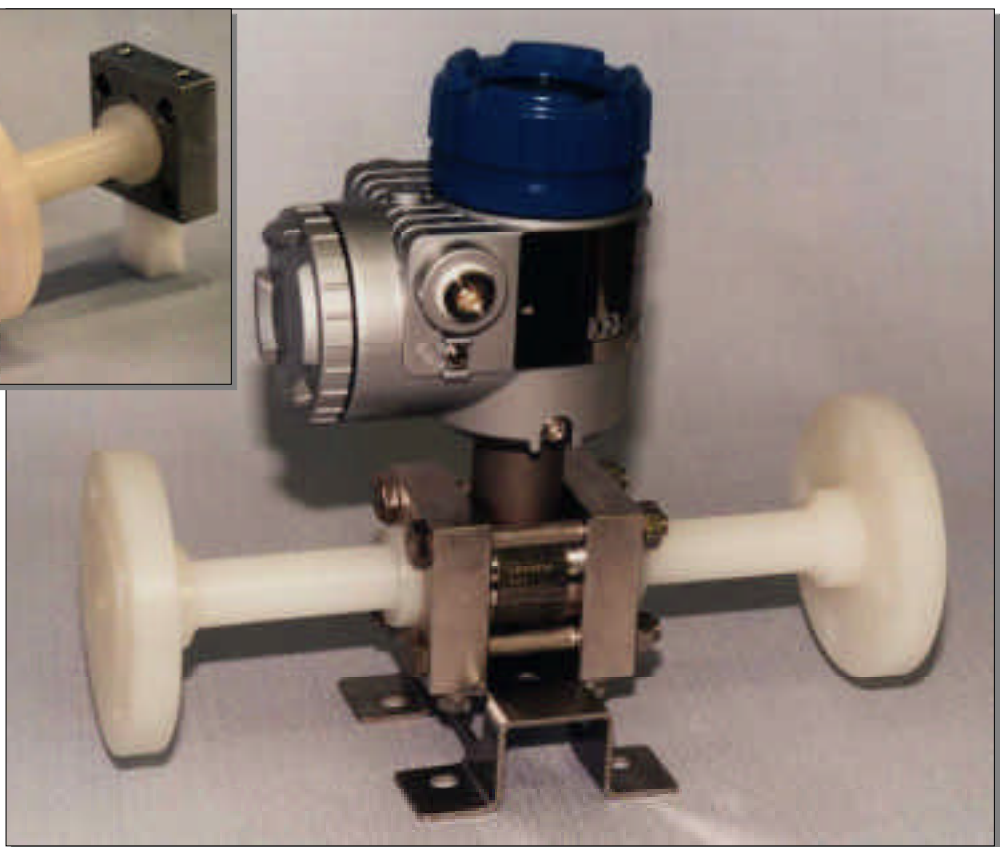
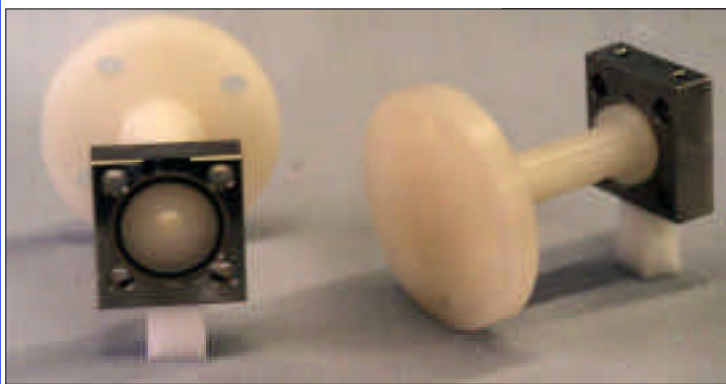
APPLICATION :

Gauge pressure transmitter with DN50PN100 seal
Tantalum wetted parts & specific gasket face.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Seal with groove on the gasket face,
- Wetted parts in Tantalum including the groove,
- All welded construction,
- Additional ambient temperature correction on zero.

FCX-All P transmitter with PVDF flanged process connection



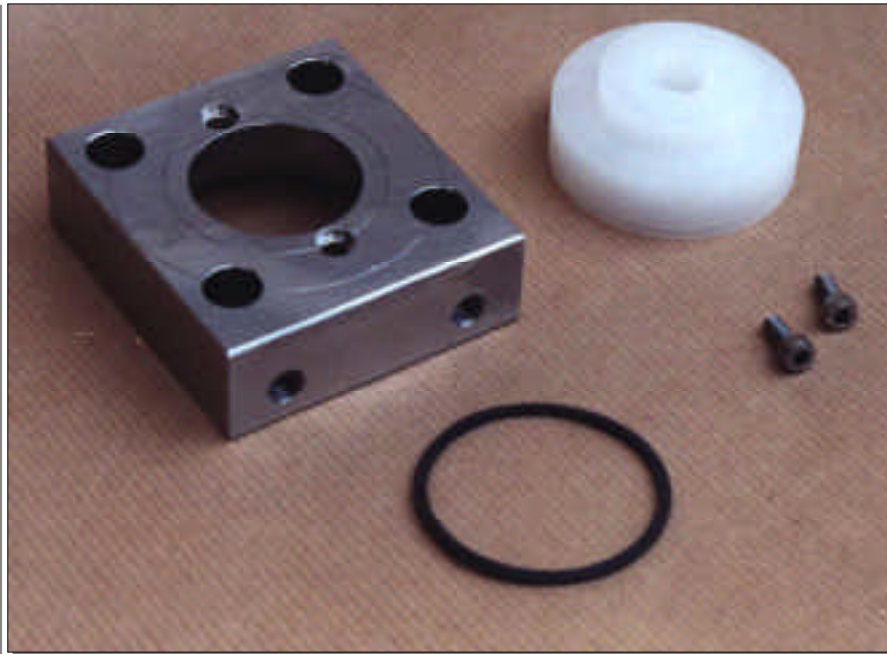
APPLICATION :

Differential pressure transmitter with flanged process connections in PVDF.

SPECIFICATIONS :

- DN15PN10 flanged process connections,
- Cell wetted parts in Tantalum or Hast C; Process connection parts in PVDF.

FCX-All P transmitter with PVDF insert



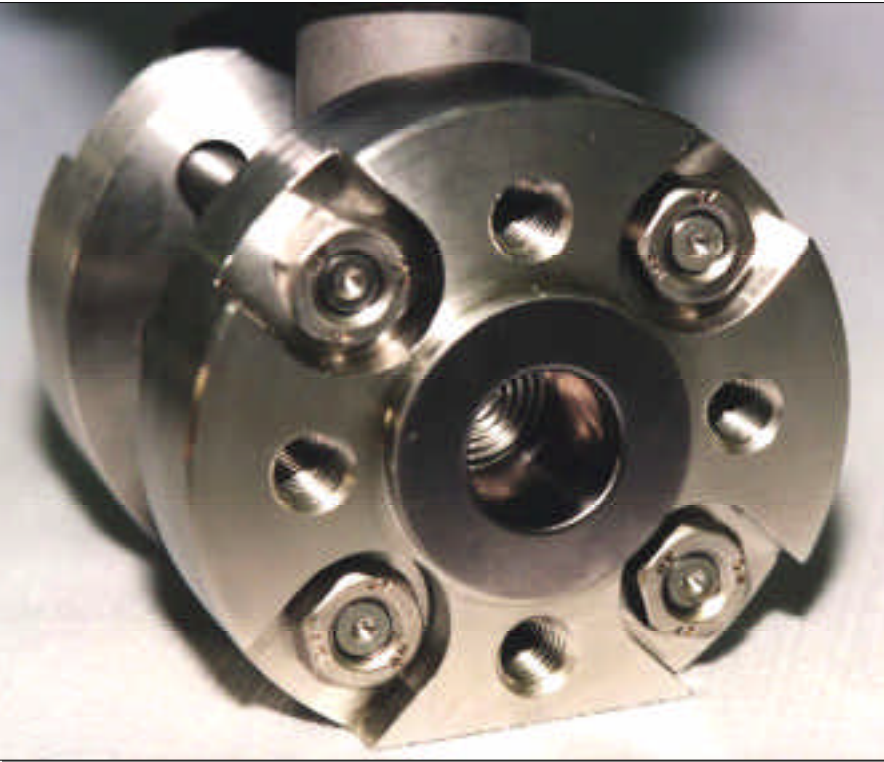
APPLICATION :

Differential pressure transmitter for high corrosive process like Chlorine, Hydrochloric acid, Sulfuric acid etc.

SPECIFICATIONS :

- Wetted cell parts in Tantalum or Hast C,
- Wetted process cover parts in PVDF, Square section gasket in PTFE, other parts in SS,
- Standard process connection 1/2" NPTI,
- Max static press. 15bar, Max process temp. 60°C

FCX-All P transmitter with Tantalum lined process connections



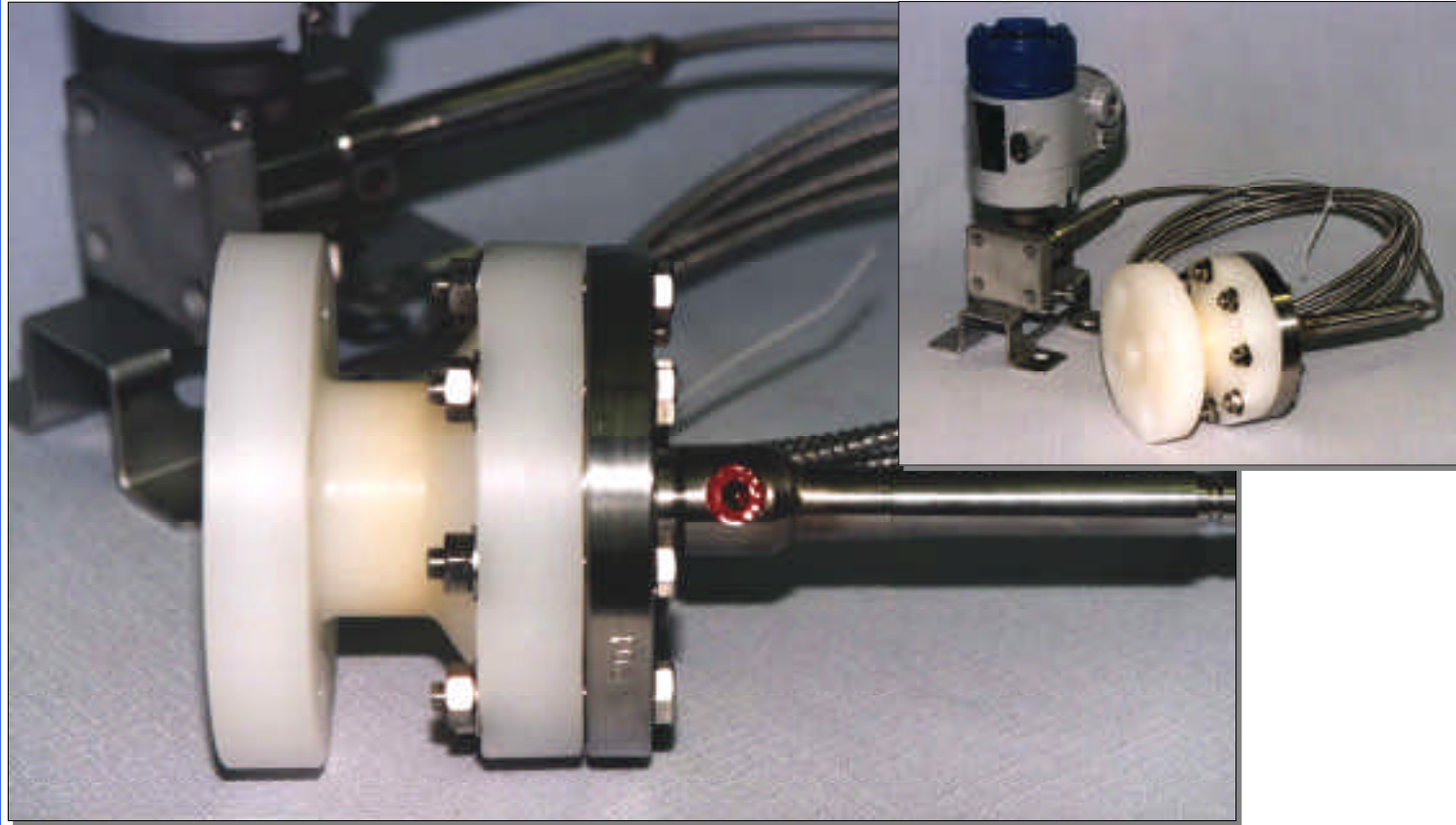
APPLICATION :

Differential pressure transmitter with all wetted parts in Tantalum for high corrosive process and process temperatures up to 120°C.

SPECIFICATIONS :

- Process covers with Tantalum lining,
- Process connection DN15PN10 on the process covers,
- Static pressure up to 160 bar max at max process temp. 120°C.

FCX-All GP transmitter with PVDF flange adaptor



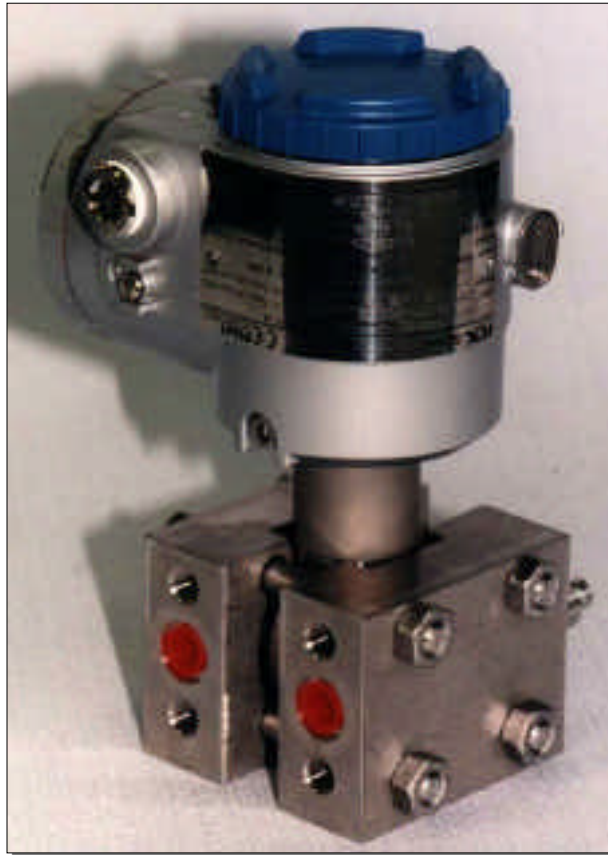
APPLICATION :

Gauge pressure transmitter with diaphragm seal wetted parts in Tantalum and PVDF flange adaptor.

SPECIFICATIONS :

- Tantalum and PVDF Wetted parts to avoid corrosion,
- Process connection DN25PN10 with PVDF adaptor,
- Active diaphragm diameter 72 mm.

FCX-All P transmitter with Hast B2 process covers



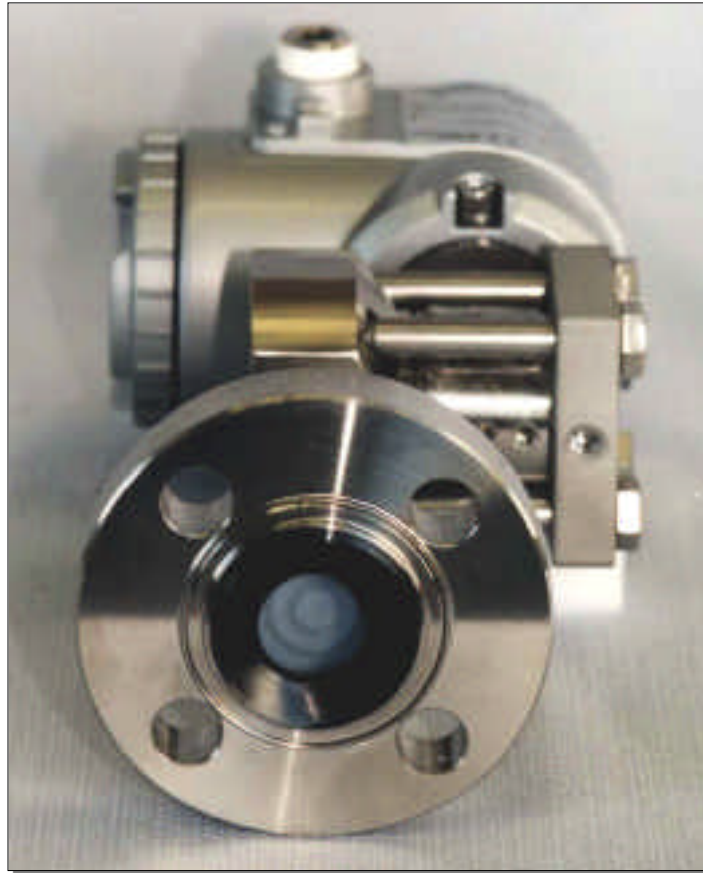
APPLICATION :

Differential pressure transmitter for Styren measurement.

SPECIFICATIONS :

- Process connections at 54mm centers,
- Process cover in Hast B2, square section gasket in PTFE,
- Wetted cell parts in Tantalum material.

FCX-All GP transmitter with 3/4" - 150 lbs seal



APPLICATION :

Gauge pressure transmitter with 3/4" - 150lbs seal
PTFE wetted parts.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Direct mounted seal on GP transmitter,
- 3/4" - 150lbs seal with additional 0.3 thick PTFE diaphragm glued on the SS diaphragm,
- Gasket face and inside parts of the seal is lined with PTFE.

FCX-All GP transmitter 3" - 600 lbs seal



APPLICATION :

Gauge pressure transmitter specific 3" - 600lbs seal with specific extension.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- 3" - 600lbs seal with RTJ gasket face,
- Wetted material parts in 316L stainless steel,
- Specific extension length of 130.50mm.