

Fuji Electric France S.A.

SUMMARY

CHEMICAL

FOOD & PHARMACEUTIC

OIL & GAS PROCESSING

ENERGY

PULP & PAPER

METALS & MINING

WATER & WASTE

OTHERS

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

PULP & PAPER INDUSTRY

Application 1 : FCX-CII direct mounted specific seal

Application 2 : FCX-CII direct mounted Transmitter DN80 PN40

Application 3 : FCX-CII direct mounted G 2" seal

Application 4 : FCX-CII direct mounted G 1" seal

Application 5 : FCX-CII direct mounted G 1 1/2" seal

Application 6 : FCX-CII Valmet compatible G 1" seal

Application 7 : FCX-CII level transmitter DN50 PN40

Application 8 : FCX-CII Level transmitter DN80 PN40 with long extension

Application 9 : FCX-CII Level transmitter with DN80 PN40 seal

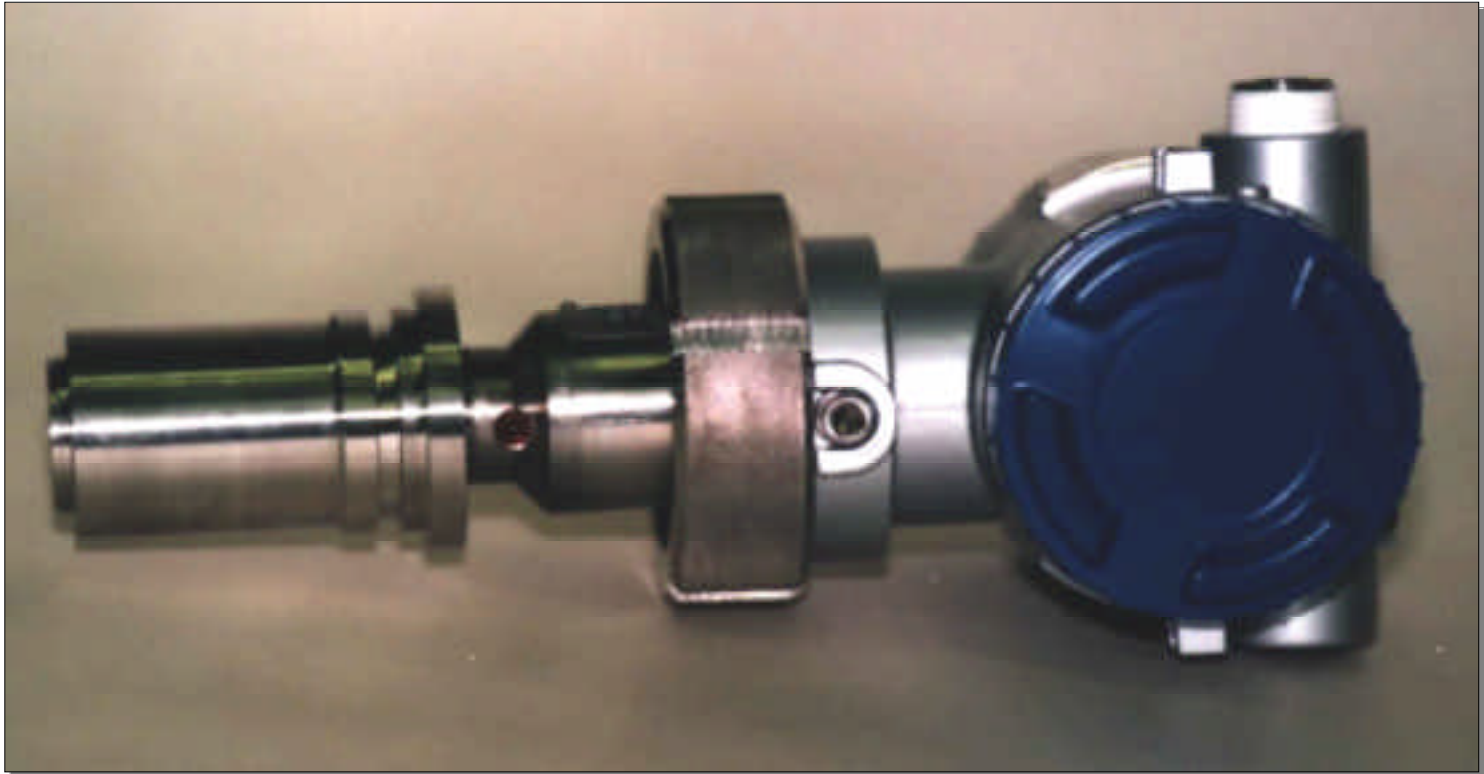
Application 10 : FCX-All Level transmitter DN80 PN40 short design

Application 11 : FCX-All direct mounted seal located inside ball valve

Application 12 : FCX-All direct mounted seal located inside ball valve

Application 13 : FCX-All capillary mounted specific seal

FCX-CII direct mounted specific seal



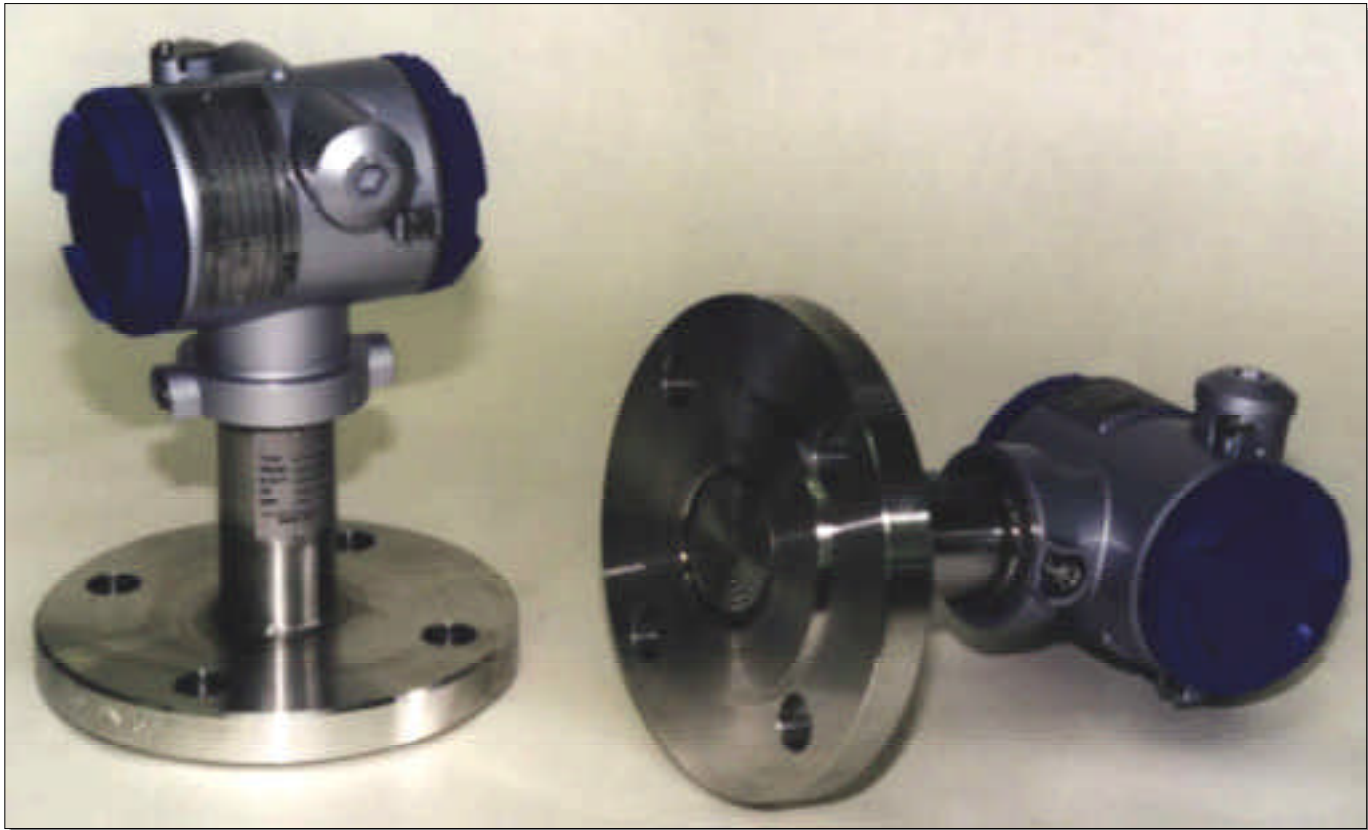
APPLICATION :

Gauge pressure transmitter with specific seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Seal according customer specifications,
- G 2" coupling nut,
- All welded construction.

FCX-CII direct mounted DN80 - PN40 seal



APPLICATION :

Gauge pressure transmitter with standard seal according DIN or ANSI standard for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Wetted parts in stainless steel 316L (others upon request),
- Additional ambient temperature correction on zero point,
- All welded construction.

FCX-CII direct mounted G 2" seal



APPLICATION :

Gauge pressure transmitter with G 2" seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Screwed process connection with G 2" seal,
- Flush diaphragm, welding spud upon request,
- All welded construction.

FCX-CII direct mounted G 1" seal



APPLICATION :

Gauge pressure transmitter with G 1" seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Screwed process connection with G 1" seal,
- Flush diaphragm, welding spud upon request,
- All welded construction.

FCX-CII direct mounted G 1 1/2" seal



APPLICATION :

Gauge pressure transmitter with G1 1/2" seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Screwed process connection with G 1 1/2" seal,
- Flush diaphragm, welding spud upon request,
- All welded construction.

FCX-CII Valmet compatible G 1" seal



APPLICATION :

Gauge pressure transmitter with G1" seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Replaces existing Valmet transmitters mounted in specific PASVE ball valve or in adapted welding spud for process connection,
- Flush diaphragm; welding spud upon request,
- All welded construction.

FCX-CII Level transmitter DN50 - PN40



APPLICATION :

Gauge pressure transmitter with standard seal with extension according DIN or ANSI standard for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Wetted parts in stainless steel 316L (others upon request),
- Extension 50mm long, other lengths upon request,
- All welded construction.

FCX-CII Level transmitter DN80 - PN40 with long extension



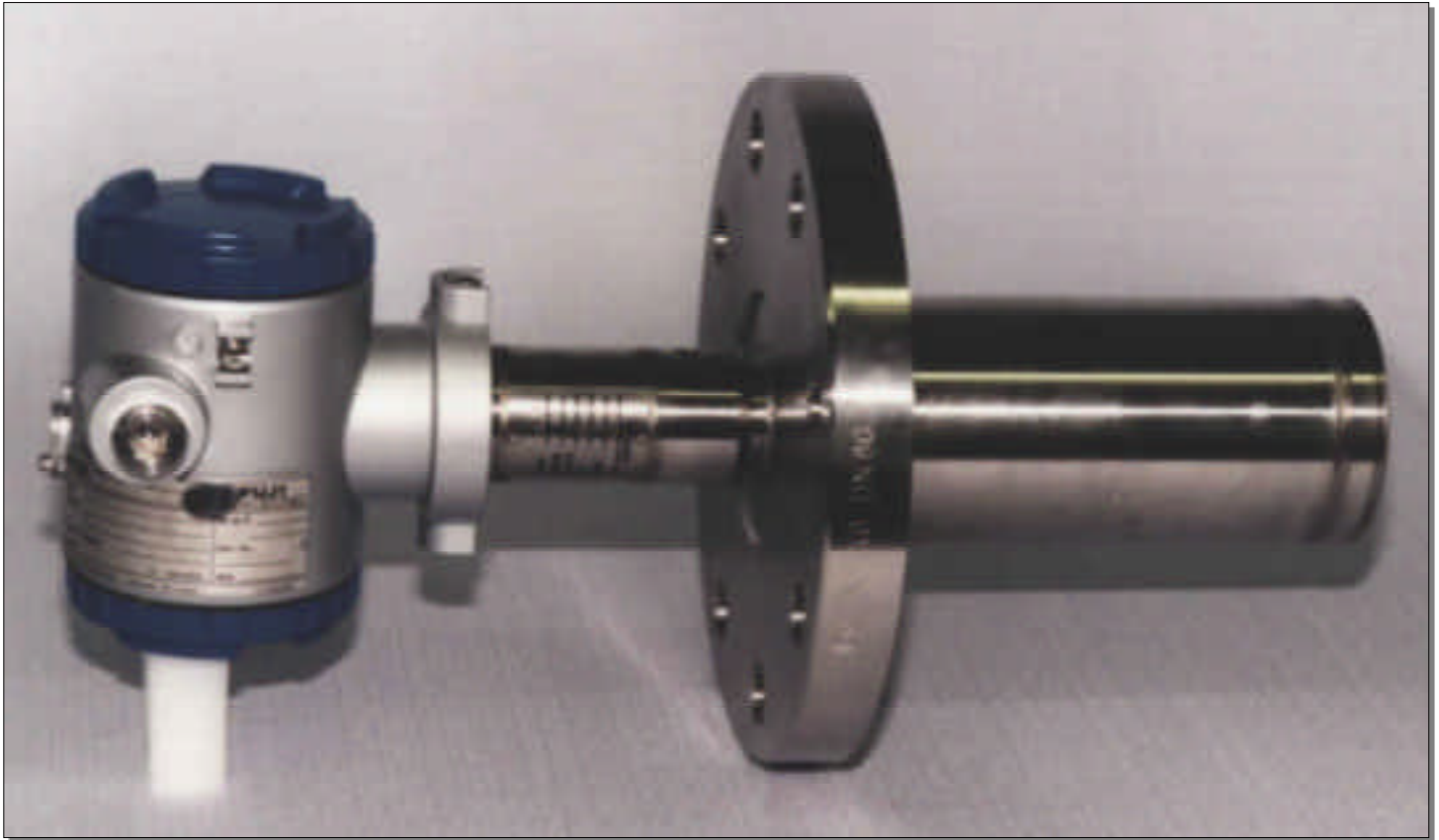
APPLICATION :

Gauge pressure transmitter with DN80PN40 seal and 500mm long extension for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Wetted parts in stainless steel 316L,
- Extension 500mm long,
- All welded construction.

FCX-CII Level transmitter with DN80 - PN40 seal



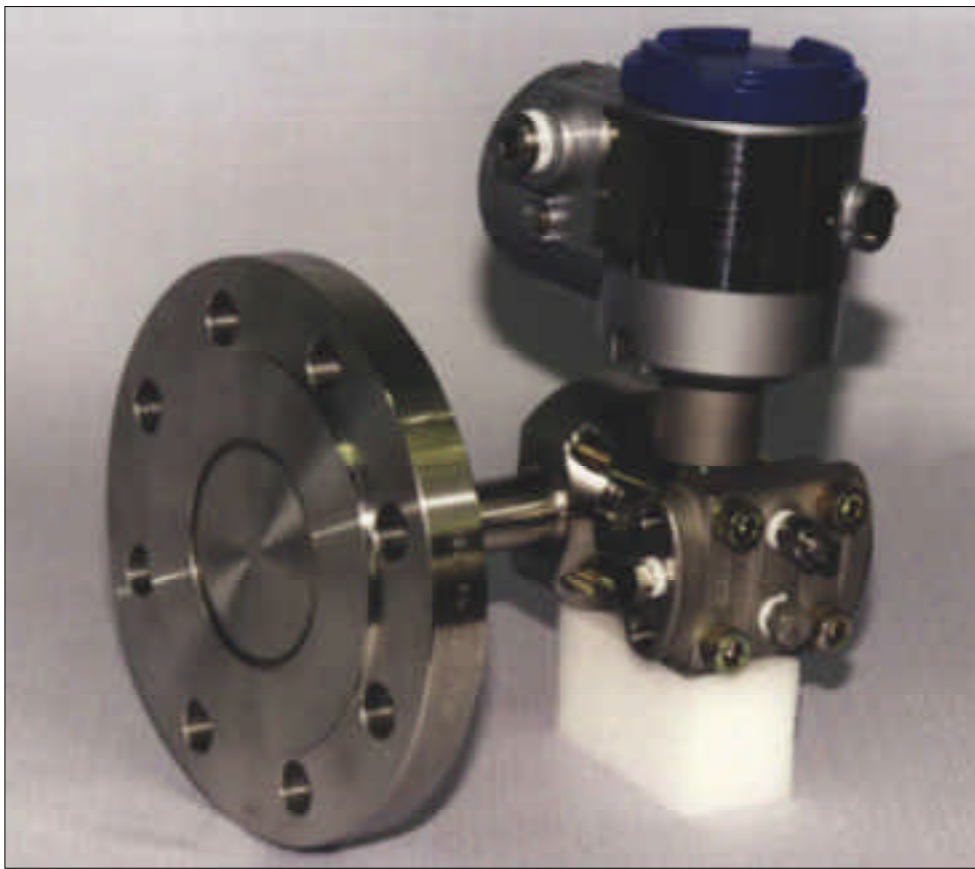
APPLICATION :

Gauge pressure transmitter with standard seal with extension according DIN or ANSI standard for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Wetted parts in stainless steel 316L (others upon request),
- Extension 150mm long, other lengths upon request,
- All welded construction.

FCX-All Level DN80 - PN40 short design



APPLICATION :

Differential pressure (level) transmitter with standard seal according DIN or ANSI standard for pulp & paper applications.
Level measurement on open and closed tanks.

SPECIFICATIONS :

- Wetted parts in stainless steel 316L (others upon request),
- Reduced oil volume in seal system,
- All welded construction.

FCX-All direct mounted seal located inside ball valve



APPLICATION :

Gauge pressure transmitter with specific seal located inside ball valve for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Possibility to remove the transmitter without emptying the tank,
- Flush diaphragm; welding spud is supplied,
- All welded construction.

FCX-All direct mounted seal located inside ball valve



REMOVE OF THE TRANSMITTER :

1. Transmitter in measuring position, ball valve opened.
2. To remove the transmitter, unscrew the nut close to the transmitter and pull on the transmitter assembly.

3. Unscrew the second nut from the ball valve and remove the transmitter.

FCX-All capillary mounted specific seal



APPLICATION :

Gauge pressure transmitter with specific seal for pulp & paper applications.
Pressure and level measurement (on open tank).

SPECIFICATIONS :

- Replacement of Foxboro transmitter with Ametec seal,
- Additional ambient temperature correction on zero point,
- All welded construction.