

**SALES DRAWING ONLY
NOT TO BE USED FOR MANUFACTURE**

Flange Mounted transmitters should always be installed with an Isolation valve between the transmitter & the tank.

It is recommended a flat face (Type A) flange is fitted on an isolation valve.

A raised face (Type B) can be used but is not recommended as this will place a bowing stress on the transmitter flange depending upon how the fixing bolts are tightened & this can affect the transmitter performance.

The gasket material recommended is Klingsil C-4430 & must be matched to the flange size. The centre hole should suit the transmitter flange centre hole diameter.

Gasket sealing compound should NOT be used.

When installing the transmitter a coil of cable should be left at the transmitter so that when the transmitter is removed it can be moved to a safe location for testing.

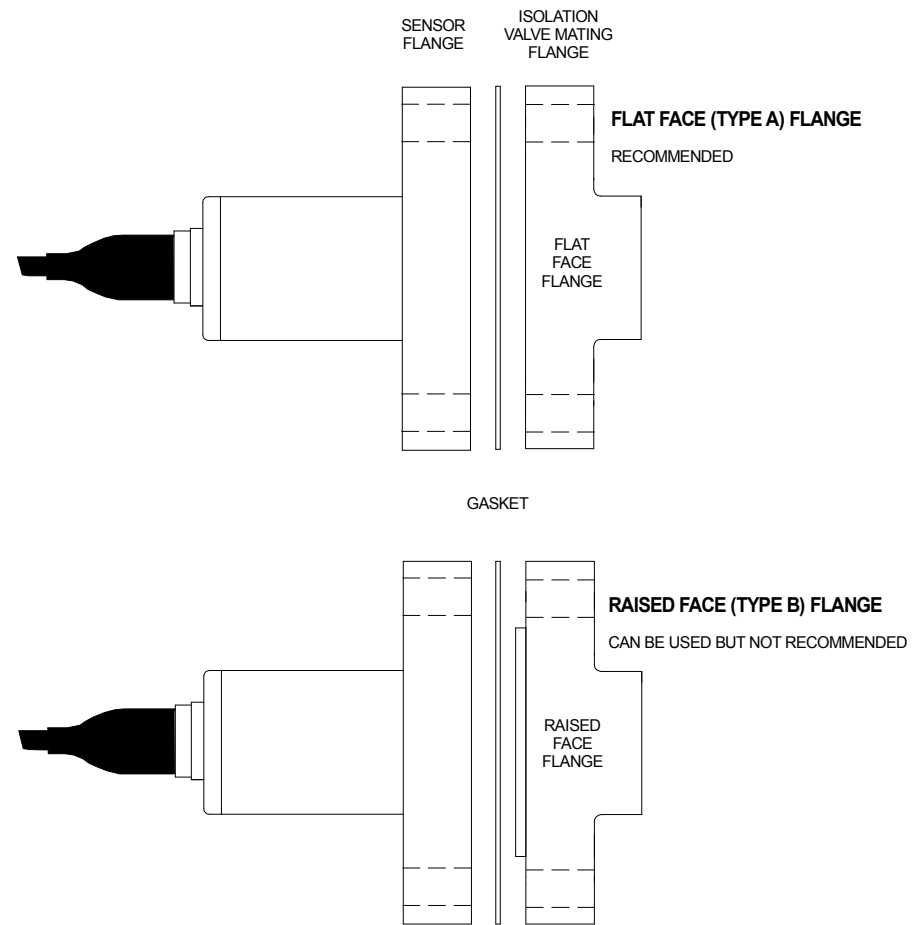
Recommended Torque Settings:

DN25 PN16: 35Nm / 30 ft-lbs

DN40 PN16: 90Nm / 70 ft-lbs

DN50 PN16: 90Nm / 70 ft-lbs

Torque settings are based on Installation best practices using well lubricated fixings & maintained equipment & follow Fluid Sealing Association (FSA/ESA) guidelines. Tighten evenly & incrementally.



ISSUE	A
DATE	23-06-14
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DRAWN	SAL
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PSm Instrumentation Ltd

Haywards Heath, West Sussex RH16 1TW
ph: 44 (0) 1444 410040 f: 44 (0) 1444 410121
<http://www.psmmarine.com>

SCALE
NTS

UNLESS OTHERWISE STATED DIMENSIONS ARE IN
MILLIMETRES / INCHES

TITLE
iCT Flange Installation
Recommendation

DRAWING NO
S-001400-iCT-DD

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