

Leak detection system (Plan 65 A/B)

DESCRIPTION

Leakage detection system, normally used with single seals, to check the mechanical seal conditions. If the seal is damaged, level inside the 5 liters tank increases in a shorter time than when the seal operates correctly, activating level alarm. The system is equipped with an orifice (Plan 65A) or a normally closed valve (Plan 65B).



CONSTRUCTION FEATURES

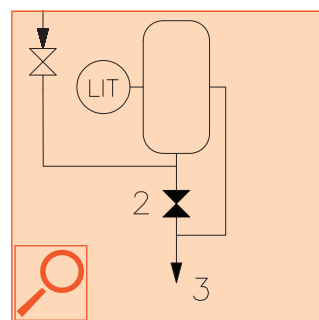
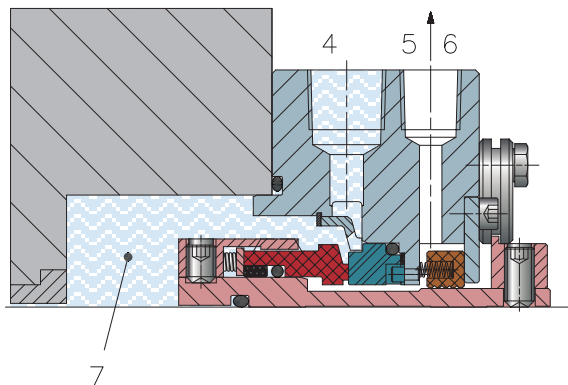
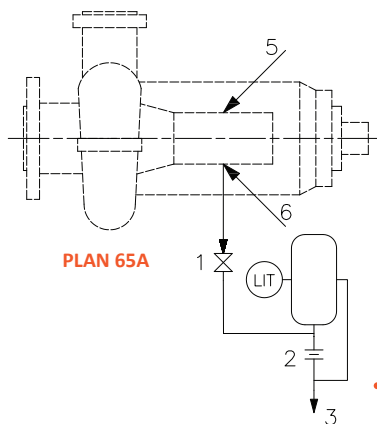
- Low space requirements thanks to its compact design.
- Integrated monitoring level, for reliable operation.
- By-pass line, to drain the flow in case of abnormal leakage.
- Use of an orifice (Plan 65A) or a normally closed valve (Plan 65B).
- According to API 682, should be designed to withstand pump MAWP.

MAIN FUNCTIONS

- Liquid phase leakage detection from the mechanical seal atmospheric side, but also containment and collection to a safe area.
- Normally used to detect leakages of finished products therefore expensive for the plant.

CAUTION!

The leakage on the seal atmospheric side must condense. The tank must be placed at a lower level than seal drain connection.



PLAN 65B

- 1) Valve (normally open)
 - 2) Drain valve (Plan 65B), Orifice (Plan 65A)
 - 3) To the exhaust collection system
 - 4) Flushing (F)
 - 5) Washing (Q)
 - 6) Drainage (D)
 - 7) Stuffing box
- LIT) Level transmitter with display