



Coriolis

Mass Flow Meters

Coriolis Flow Meters

Oil Separator Application

DESCRIPTION

Oil separators accumulate liquid until a high-level switch is tripped. At that point, the discharge valve opens until the low liquid level switch is sensed. The flow from the separator is shown in *Figure 1*.

The initial opening (RED arrow in *Figure 1*) will cause a large flow surge that may overrun the range of the meter and cause it to stop vibrating. The red LED on the instrument face (BLUE arrow in *Figure 1*) will flash.

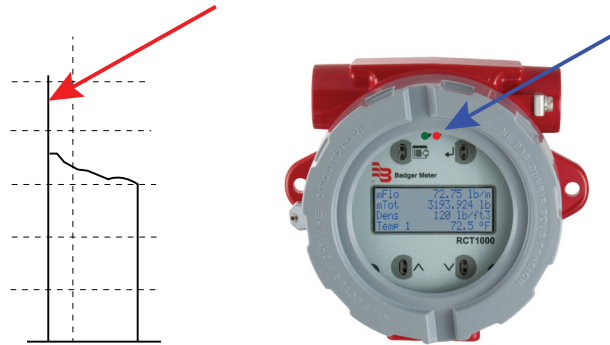


Figure 1: Flow surge



If the meter stops vibrating, close the downstream isolation valve until the red LED no longer flashes at the start of a discharge.

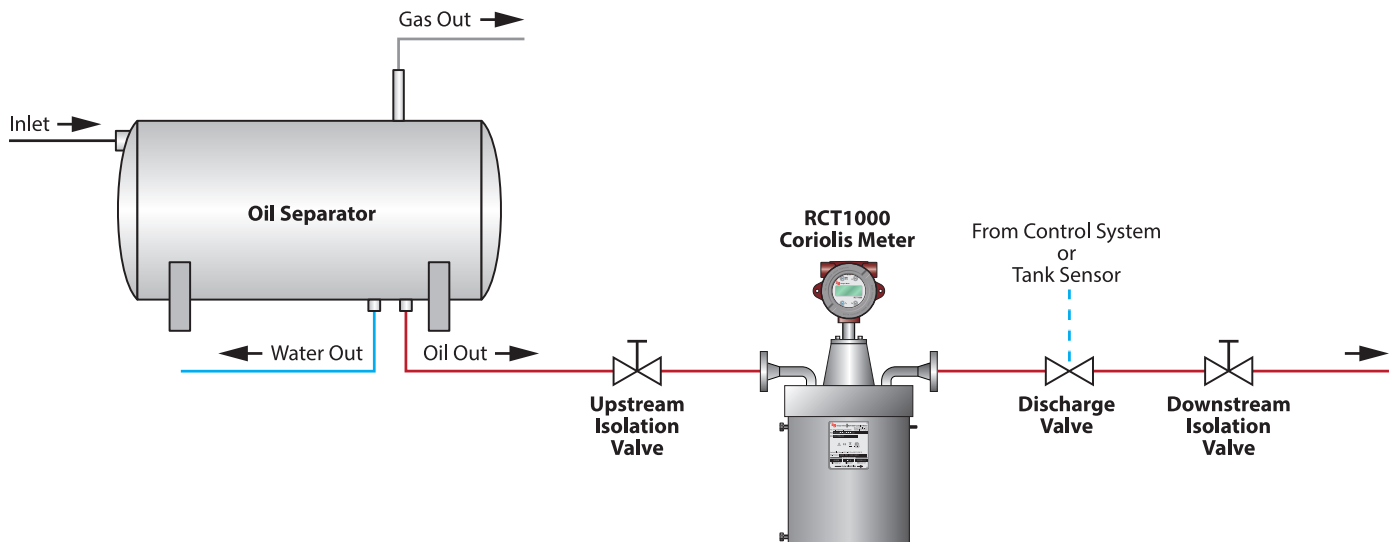


Figure 2: Operation



Badger Meter

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Application Data Sheet

Control. Manage. Optimize.

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