

REPLACEABLE CORIOLIS FLOW SENSORS WITH BROAD OPERATING RANGE

ABSTRACT

A Coriolis flow sensor includes a metal flow tube and an enclosure. The enclosure encloses the flow tube and is constructed at least partially from a gamma transparent material. The metal flow tube may be constructed from stainless steel. The gamma transparent material and the flow tube are thin enough to permit sterilization of an interior of the flow tube by gamma irradiation of the flow tube through the gamma transparent material. The enclosure is also shaped to facilitate locking and unlocking the Coriolis flow sensor in place on a mounting structure.

FIG. 1