

EDS 52 Pressure-based Flow Meter



Absolute pressure meter with high purity, long-term stable ceramic measurement cell. Resistant against overload and vacuum.

For continuous flow measurement in liquids.

Required accessory: Measuring transducer GICON. The pressure measurement cell determines the filling level, GICON calculates the flow by evaluating the measured values according to the relevant flume characteristics.

Product code 766 900

- Excellent long-term stability
- Professional installation by GIMAT
- Sturdy design
- ATEX certified

Method

The ceramic membrane of the measuring cell detects the hydrostatic pressure caused by the liquid column. This pressure induces a change of the capacity of the measuring cell.

The filling level can be determined from the height of the liquid column.

Applications

Waste water

Deep wells

River water (dammed lakes, water power plants)