

COMPACT ORIFICE ORIFLOW MODELL O / PVDF



MAIN CHARACTERISTICS

Product Type:	Differential pressure flow meter designed for volume or mass measurement based on DIN ISO 5167
Application:	for corrosive liquids and gases
Measuring accuracy:	up to ± 0.6 % of measured value
Ex-approval:	Zone 1
Process temperature:	-40°C up to +150°C
Process pressure:	up to 16 bar
Housing material:	Aluminium, coated
Wetted parts:	PVDF
Power supply:	24 VDC (2-wire technology)
Output / Display:	4-20 mA / HART®, LCD-Display
Process connection:	Sandwich-design DN 15 - 150
Special features:	low pressure loss

APPLICATION

The Oriflow model O can be used in the chemical industry for measuring hydrogen chloride gas (HCl) (from dry up to 100 % humidity) or similar highly corrosive liquids.

The primary element is a classic compact orifice made of PVDF, which ensures high corrosion resistance. It is equipped with a differential pressure transmitter from Emerson, model 3051, intrinsically safe, HART®. The diaphragm of the 3051 is made of tantalum, with inert filling.

COMPATIBLE

- Differential pressure transmitters from renowned manufacturers
- Provision possible

Further information and product variants are available on request

