

# METER RUN

Complete and flexible measuring element to facilitate on-site installation

## GENERAL DATA

- Standards: ISO 5167-1&2, ASME MFC-3M or ISO/TR 15377
- Mounting of the primary element between flanges<sup>(1)</sup> :
  - o ISO PN 2.5 to 420
  - o ASME 150# to 2500#
  - o Others: upon request
- Weld-end (BW) or flanged connection<sup>(1)</sup>
- Material:
  - o Standard: carbon steel, stainless steel
  - o Others<sup>(1)</sup>: according to your application
- Fluid: liquid, gas, steam
- Pipes from  $\phi$  25 to 300 mm (for easy assembling)
- Accuracy: according to the primary element considered
- Repeatability of measurement: 0.1 %



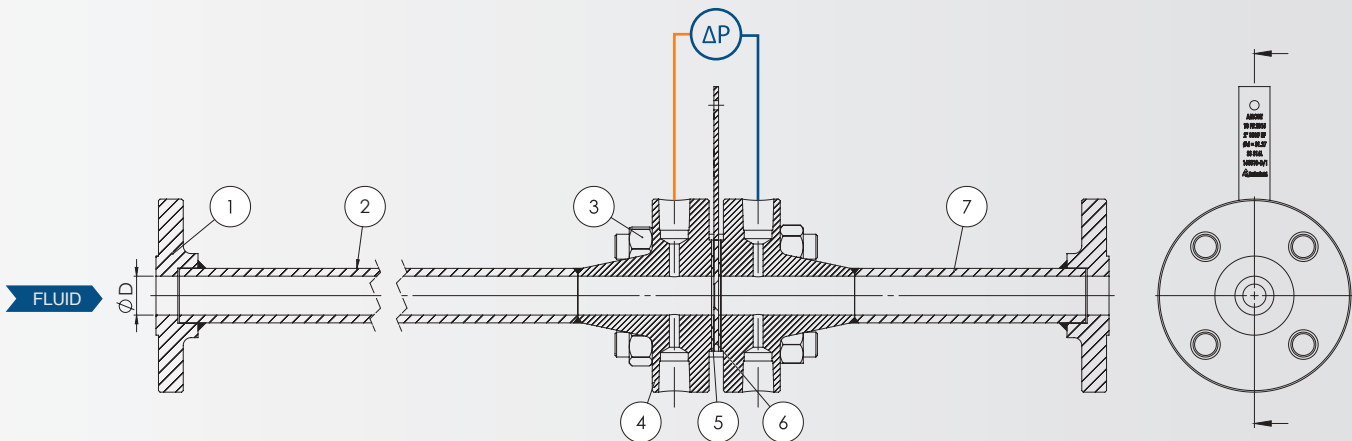
$\Delta P$ 0/0	$\Delta P$ 25/25
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pressure taps<sup>(1)</sup>

MARK	DESIGNATION
1	Flange
2	Upstream pipe
3	Bolts
4	Orifice flange*
5	Gasket
6	Orifice plate**
7	Upstream pipe

\* mounting also possible between annular chamber  
 \*\* all types of orifice plates (as well as nozzles) can be mounted in a meter run

The assembly is carried out in our workshop in compliance with standards (roughness of upstream and downstream pipes, centering of the primary element, pipe circularity, upstream and downstream straight lengths...) in order to reach optimum measurement accuracy.



## TECHNICAL CHARACTERISTICS - according to the primary element considered

Orifice plates	See corresponding technical datasheet	p 10 to 15
Nozzles		p 19 to 20
Upstream and downstream straight lengths, pipe roughness and circularity, centering of the measuring element <sup>(1)</sup>		p 72 to 78

## ACCESSORIES

Manifold	See corresponding technical datasheet	p 51
Differential pressure transmitter		p 52

<sup>(1)</sup> For more details, see «Technical information» section on page 54.