

INSERTION SENSOR FOR MOUNTING IN A NON PRESSURIZED LINE

Warranty conditions are available on this website: <u>www.isomag.eu</u> only in English version



ТΜ

## **TECHNICAL DATA**

Body material       □       Stainless steel AISI 304         Stainless steel AISI 316 (Optional)       □       Stainless steel AISI 316 (Optional)         Size for pipe line Ø       □       Size 1 Ø ≤ 500mm         Size 3 Ø ≤ 2000mm       □       Other on request
Stainless steel AISI 316 (Optional)         Size for pipe line Ø         Size 1 Ø ≤ 500mm         Size 3 Ø ≤ 2000mm         Other on request
Size for pipe line Ø       □       Size 1 Ø ≤ 500mm         Size for pipe line Ø       □       Size 2 Ø ≤ 1000mm         □       Size 3 Ø ≤ 2000mm         □       Other on request
Size for pipe line Ø       □       Size 2 Ø ≤ 1000mm         □       Size 3 Ø ≤ 2000mm         □       Other on request
Size for pipe line Ø       □       Size 3 Ø ≤ 2000mm         □       Other on request
Other on request
D PN 1600 kPa
Nominal pressure   Others on request
1"Threaded end
Others on request
Connection material U Stainless steel AISI 304
□ 0°C° ÷ 100°C compact version
□ 0°C° ÷ 130°C separate version
Stainless steel AISI 316L
□ Other on request
Compact version – IP 67
□ Separate version (max 20m) – IP 68
version – protection rating Separate version (max 500 m), with preamplifier
– IP 67 (OPT. IP 68)
Accuracy U See table below

# **OVERALL DIMENSIONS**



## INSTALLATION



## INSTALLATION RECOMMENDATIONS



NOTE : According to data from UNI1072700\_1998

## SENSOR GROUNDING



#### SEPARATE VERSION



Notes:

- It is recommended to install the connection cables away from, or protect against sources of electromagnetic noise.
- The minimum conductivity of the liquid medium to ensure correct functionality of the empty pipe detection is 20 μS/cm

#### ACCURACY TABLE



#### **ALL CONVERTERS**

A	В (m/s)	B (ft/s)
2	1	3,28

Reference conditions :

- Constant flow rate during the test
- Pressure: >30 Kpa
- Flow condition : fully developed flow profile Zero stability +/- 0,005 %

#### **HOW TO ORDER**



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