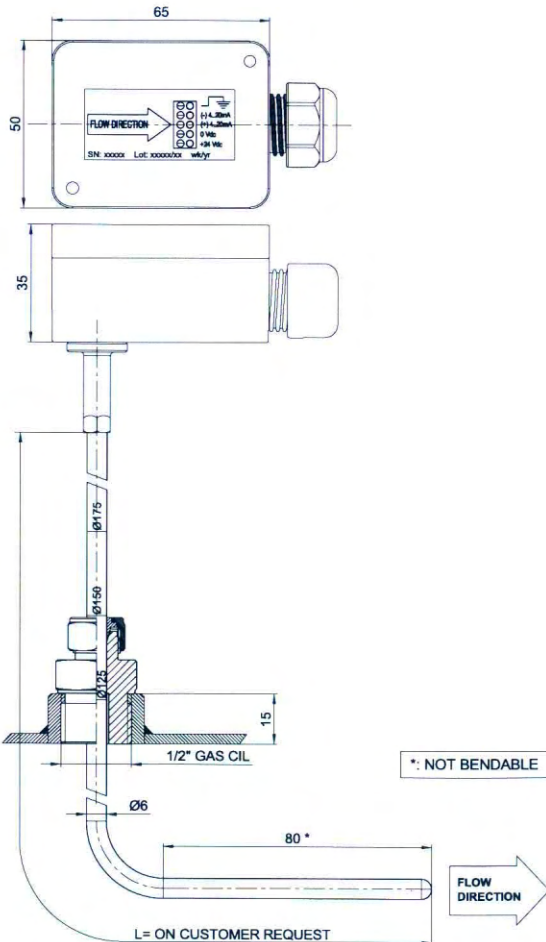
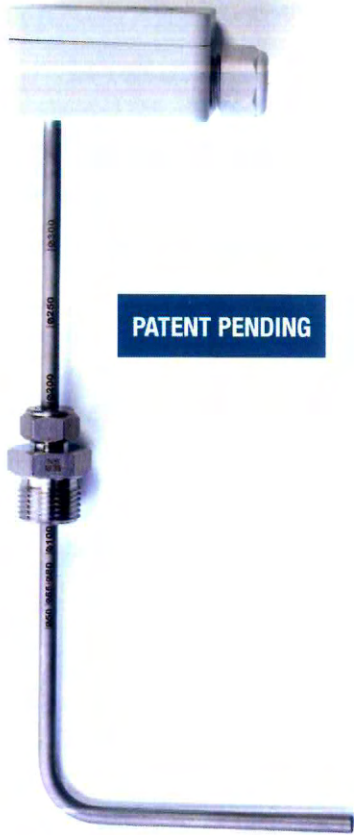


THERMODYNAMIC FLOW SENSOR



TECHNICAL DETAILS

SENSING ELEMENT

Type: Flow speed meter.

Sensing Element: Patented Thermodynamic Speed/Flow Meter

PERFORMANCES

Flow Temperature Range: 0 ÷ 150°C

Flow Speed Range: 1 ÷ 25 m/s

Range: 1 ÷ 25 m/s

Accuracy: See Table / ±2% Calibration @12.5m/s

ELECTRICAL

Sensor Supply: 24 ±20% Vdc

Power consumption: 3.3 W

Output Signal: 4 ÷ 20 mA / 0 ÷ 20 mA

Case: Polycarbonate, glass-fibre reinforced, grey
65x50x35 IP66 Enclosure

Connection: 4 poles + Shield for wire section 0.15 ÷ 1.5 mm²

Integrated Cable Gland: Useful for Ø5 ÷ Ø10 Cables

PROCESS CONNECTION

Type: Sliding SS Ferrule Compression Fitting

Threaded Male 1/2" GAS CIL UNI 338

Material: AISI316 Stainless Steel

STRAIGHT AXIAL MOUNTING (ON 90° CURVES)

Minimum Insertion Length: 5 times Conduit Diameter

NORMAL AXIAL MOUNTING

Min Conduit Diameter: Ø50

SENSOR BODY

Type: Bendable MgO Mineral Insulated Cable

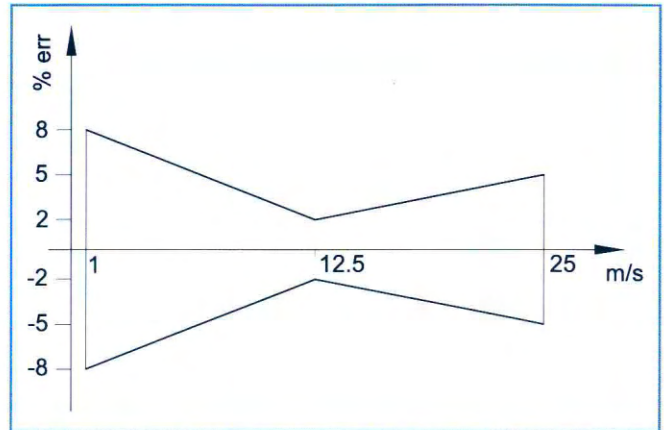
Sheet Material: AISI316 Stainless Steel

Diameter: Ø6

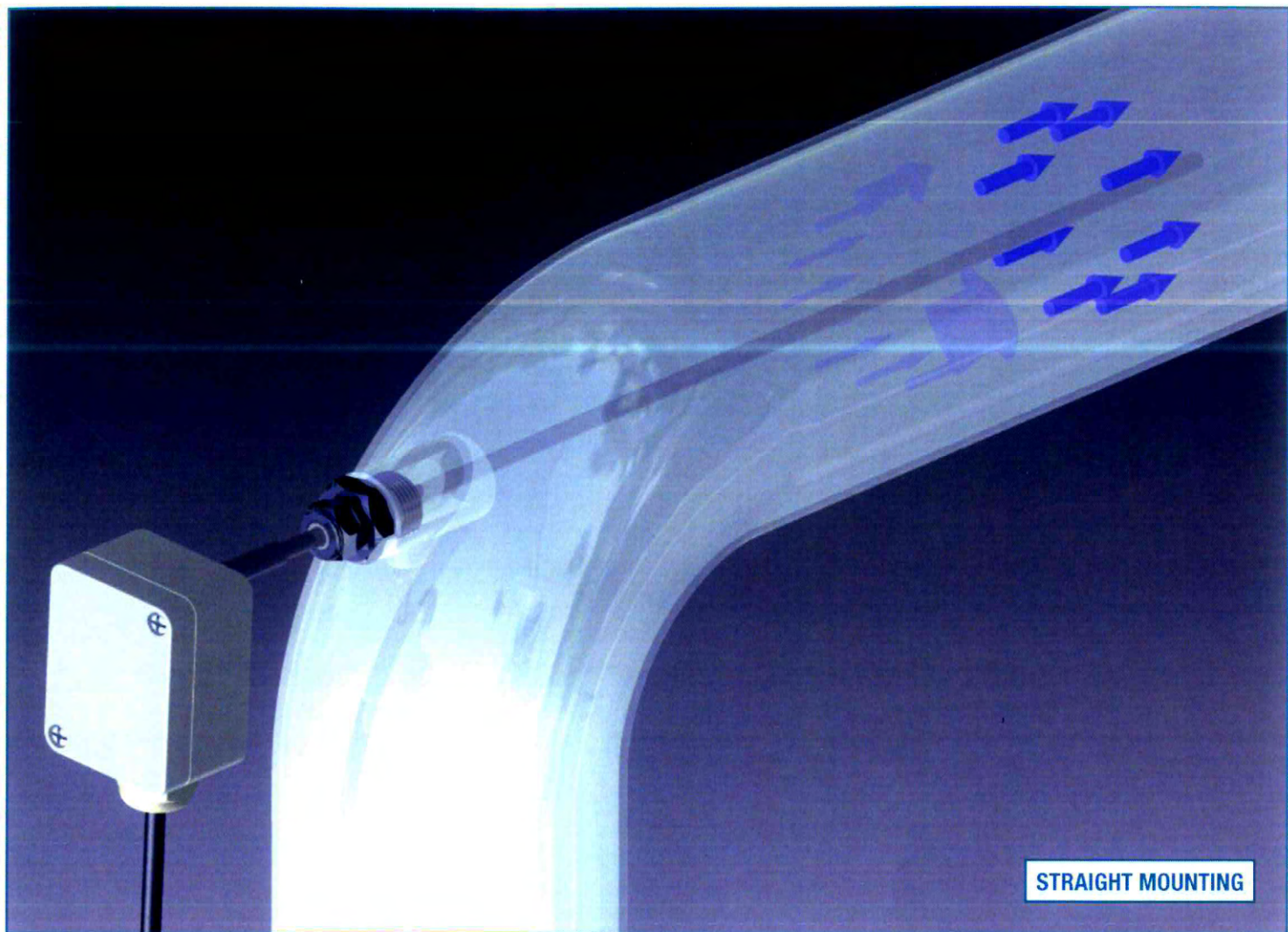
MARKING

Traceability: Lot N° - wk/yr

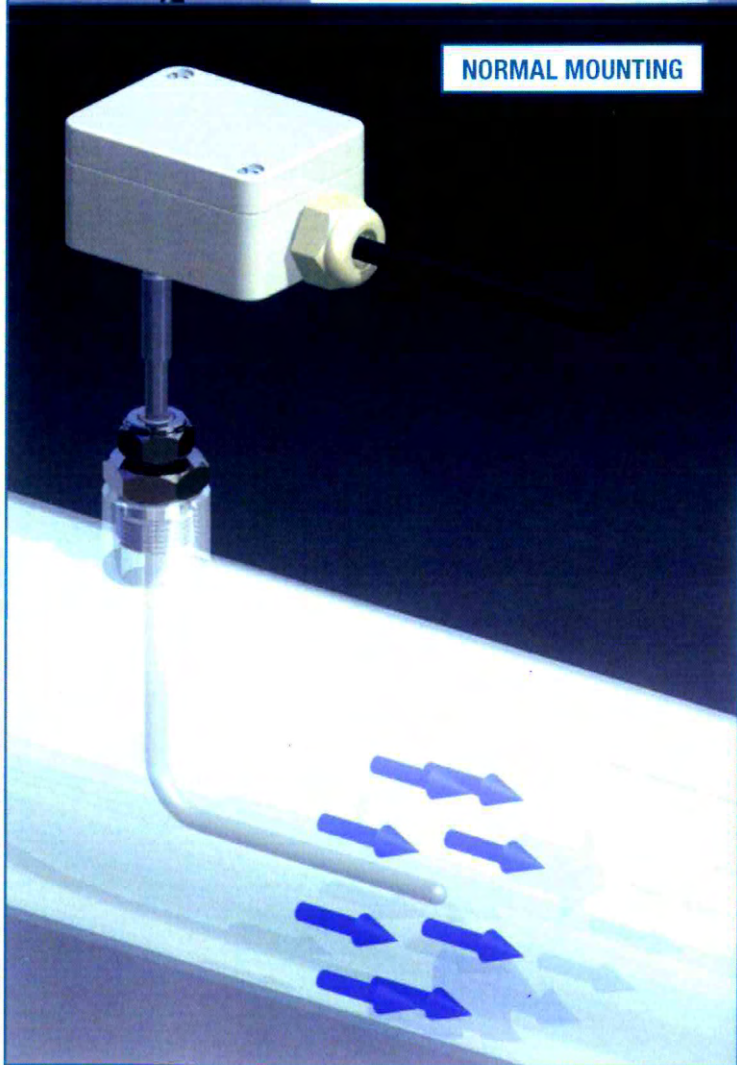
Level: For Correct Immersion for each Conduit Diameter



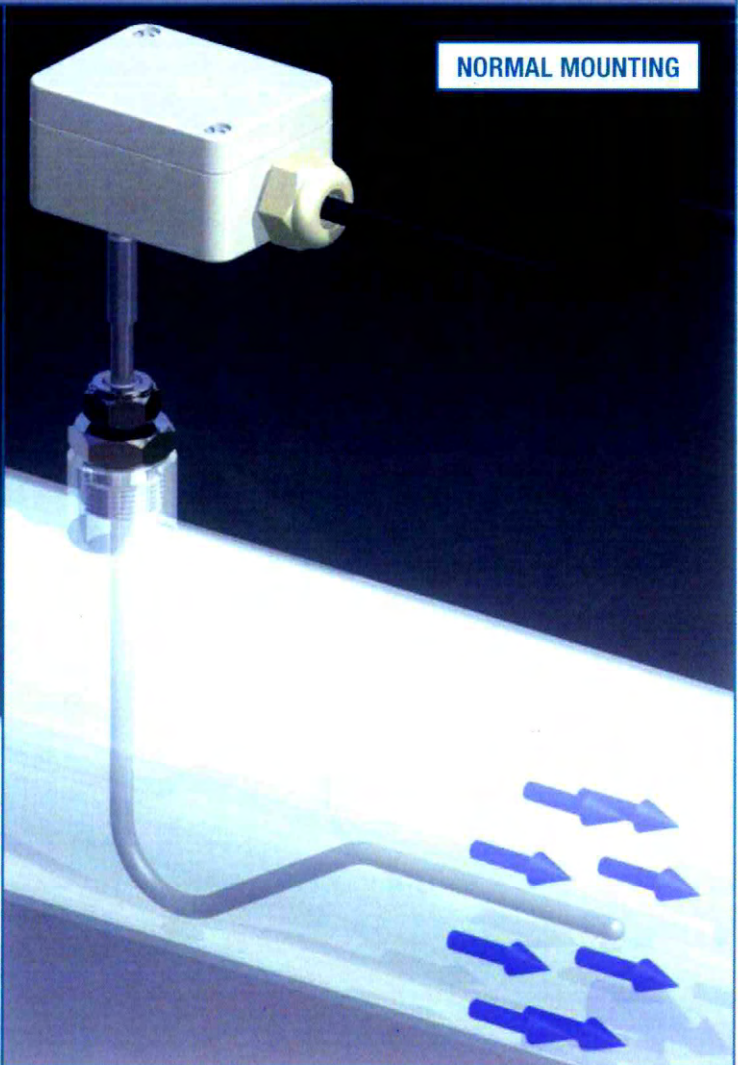
Percentage of error compared to flow speed



STRAIGHT MOUNTING



NORMAL MOUNTING



NORMAL MOUNTING