

HUMIDITY and DEW POINT SENSOR – EASIDEW

DESCRIPTION

The dew-point sensor EASIDEW provides reliable and long term stable humidity and dew-point monitoring in industrial applications.

EASIDEW outputs the measurement value through the 4 – 20 mA signal.



APPLICATIONS ⁽²⁾

- Air Compressor
- Compressed air piping
- Pressure vessel/Air tank
- Air dryer
- Point of use
- Medical gas
- CNG station

⁽¹⁾ For any other technical gas please contact us or your local dealer

⁽²⁾ EASIDEW series can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

Measuring range	-100 ... 20 °C	-148 ... 68°F
Accuracy	±2°C	±3.6°F
Response time T ₉₅	5 min (dry to wet)	
Output signal	4 – 20 mA (2-wire connection)	
	<ul style="list-style-type: none"> • -100 ... 20°C (Dew point) • 0 ... 3000 ppm (Moisture content) 	
Supply voltage	12 to 28 V DC	
Operating temperature	-40 ... 70°C	-40 ... 158°F
Operating pressure	450 barg	6526 psig
Flow rate	1 ... 5 NI/min (standard sampling block)	2.1 ... 10.6 scfh
	0 ... 10 m/sec (direct insertion)	0 ... 32 ft/sec
Material	316 stainless steel	
Dimensions	L=132 mm, Ø=45 mm (with connector)	L=5.2", Ø=1.8" (with connector)
Weight	150 g	5.3 oz
Protection	IP66 (BS EN 60529:1992) NEMA 4 (NEMA 250-2003)	

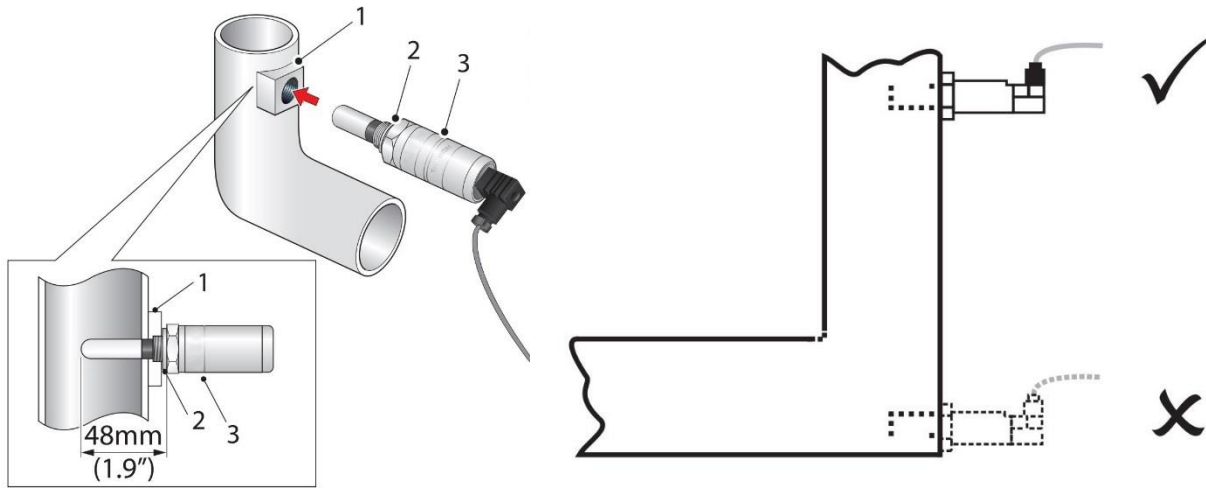
ELECTRICAL CONNECTIONS

4-20 mA connections 2-wire

Pin 1	4-20 mA
Pin 3	Power

MOUNTING


- 1 - pipe,
- 2 - bonded seal,
- 3 - transmitter



Do not mount the transmitter too close to the bottom of a bend where any condensate in the pipeline might collect and saturate the probe.

For more information on mounting of Easidew sensor see user manual.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285</p>	
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