

Configurable high precision level probe

Applications :

Designed for low height measurements (max. 10m), the SNA probe is perfectly suited to measurements of water levels in natural environments (rivers, canals, etc.) or slurries (pumping stations, storm outlets, etc.).

Configurable :

Full scale configurable from 50 cm to 10 m enabling sensors to be standardised across all sites.

Sturdy and Reliable :

- Body in 316L Stainless Steel.
- Double wall cable with compensation for variations in atmospheric pressure without capillary.
- Enhanced resistance to ice and frost.

High measuring accuracy :

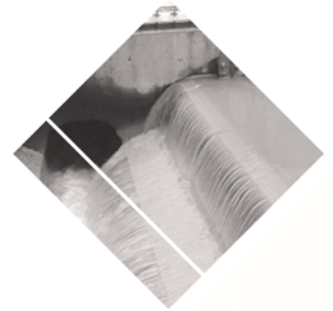
The on-board electronics provides high measuring accuracy even when there are temperature variations (measurements in natural environment, low water height, low water measurement, etc.)

Not sensitive to fouling :

Fitted with a flush ceramic membrane, the SNA probe has a measuring surface which is free of surface irregularities. This feature combined with the absence of an orifice for pressurisation makes the SNA insensitive to fouling effects (silt, slurry, etc.).

Available :

- Large stocks with cable length on request
- Constant technical availability to meet your requirements

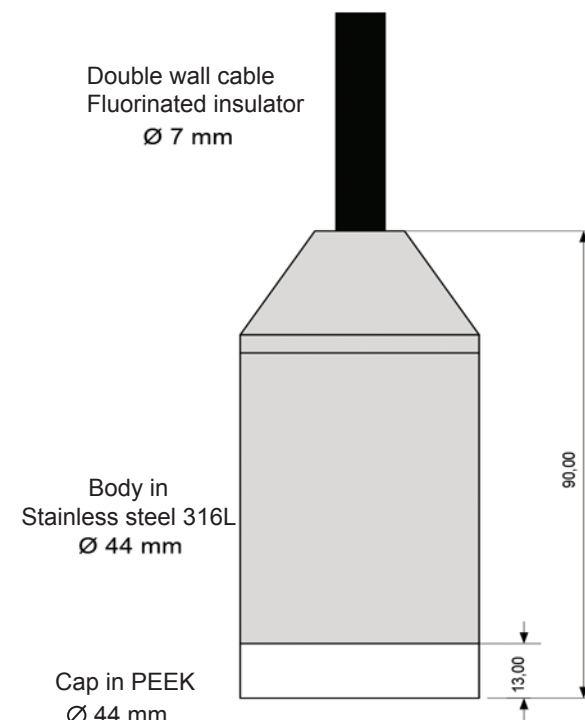


GENERAL SPECIFICATIONS	SNA configurable level probe
Measuring range:	0 – 0.05 bar to 0 – 1 bar
Supply voltage:	8V to 35V DC, limited to 1A (comply with polarity).
Output signal:	4/20mA
Dimensions:	dia. 44mm, Length = 90mm
Weight:	560g + 50g per metre of cable
Materials:	Body in 316L passivated stainless steel Plug in PEEK (PolyEtherEtherKetone)
Fixing:	Suspended by the cable or screwed to 1¼"G pressure tap.
Storage/usage temperature:	- 20°C to + 80°C/- 20°C to + 60°C protected from frost
Maximum pressure without deterioration:	1.2 bar
Warm-up time:	< 500 ms
Response time:	< 500 ms
Standard cable:	Double wall, without capillary tube. Electrical screening, 2 conductors 0.60 mm ² (60mΩ/m), dia. 7mm +/-0.5mm, weight 50g/m.
Standards: (CE marking)	EN61000-6-2 - EN61000-6-3 - EN61010-1 - EN62479. Fast transients EN 61000-4-4 Level 3 Lightening shock strength EN 61000-4-5 6KV
Standard ISO	ISO 4373
Warranty	1 year including lightning risks (3)
METROLOGICAL SPECIFICATIONS (1)	SNA configurable level probe
Overall precision from 0 to 40°C: (including temperature drift) (2)	+/- 0.1% of the maximum full scale, that being +/- 1mbar
Long-term drift/constancy (at 25°C):	+/- 2 mbar non-cumulative

(1) Typical values for all full scale settings between 0.3 and 1 bar.

(2) Precision includes: temperature drift, linearity, pressure hysteresis and repeatability

(3) It is essential to install a PRO TAS30.



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