

Adaptive Noise Sensing Microphone

SMART-ANSM-01

- ✓ *Wide range of measurement dynamics*
- ✓ *Discreet and elegant design*
- ✓ *Compact size*
- ✓ *Cable length of 3 meters included*
- ✓ *High resistance to weather conditions*



The measurement microphones are an integral part of the smartVES system. Their purpose is to test the level and frequency characteristics of sound at an object in the range of 100Hz-10kHz (+/- 2dB) with sound levels from 50dB to 120 dB SPL. The

microphone's specially designed electronics ensure stable measurement performance with long connection cables of up to 300 metres. In addition, the dedicated housing provides easy installation and an aesthetically pleasing and unobtrusive appearance

giving the microphone the ability to be used in many facilities where a small housing with multiple application possibilities is expected for functionality reasons.

	SMART-ANSM-01
Frequency response	100Hz - 10kHz (+/- 3dB)
Ambient noise measurement range	50 – 120 dB SPL
Output dynamic range	0,7 (50dB) – 3650mV (123 dB)
Directional characteristic	omnidirectional
Power supply	32VDC / 5mA
Signal-to-noise ratio (S/N)	60dB
Output	analogue, balanced
Dimensions	Ø 34.0 × 130.0 mm
Weight	187 grams
Colour	black
Housing material	PA66 GF UL94 V0 / Halogen-free
Connector	3-pin screw connector
Cable	3 metres 2x0.22mm ² PVC with screen
Temperature	-40 °C to +55 °C
Ambient humidity	5% to 95% non-condensing
Degree of protection of the enclosure	IP65
Compatibility	SMART-AMAP-6