

ABT-NSM

Noise Sensing Microphone

Features

- ▶ Operate under extreme temperatures
- ▶ IP 66 rated housing
- ▶ P2 wire analog connection up to 300 meters from ABT-NSC6



ABT-NSM (A)



ABT-NSM (B)

Description

ABT-NSM is measurement microphone which is designed to operate under extreme temperatures. Up to 6 microphones can be connected to ABT-NSC6 via 2-wire cable. The ABT-NSM is available in two housings. Lightweight for indoor applications (A) and enclosures for severe climatic conditions (B).

Environmental	NSM (A)	NSM (B)
Temperature (storage/operating)	-10°C / + 55°C	-40°C / + 70°C
Operating Humidity	5% to 95% non-condensing	
Ingress Protection	IP 32	IP 66

General	NSM (A)	NSM (B)
Output impedance	1000 Ω	500 Ω
Frequency response	150 Hz – 20 000 kHz	
Connector for microphones	3 pin ceramic block (+ , - , screen)	
Output level min / max	250 μV_{RMS} / 200 mV_{RMS}	
Measurement Range	57–115 dBA	
Mechanical Dimensions	Height 110 mm, $\varnothing$ 200 mm	Length 200 mm, $\varnothing$ 146 mm
Colour	White (RAL 9003)	Light Grey (RAL 7035)
Material	Steel	Aluminium
Mounting	Spring clamp, cut-out $\varnothing$ 170 mm	Screw, U type bracket
Net Weight	1,5 kg	2,5 kg