

SM 1-P

Sensing Microphone



The **SM 1-P** is an industrial microphone system which can be integrated on various heavy duty applications, suitable as probe for ANC (ambient noise compensation) applications, wide areas recordings, level sensing, confidential speech capturing and all other applications where an omnidirectional boundary mic is needed. With its low profile surface mount case, the **SM 1-P** finds an application where std. Low protection cannot.

A built-in phantom power test function will permit to check the status of the phantom at every time, this will help troubleshooting during the integration phase and maintenance.

The unit comes with 2 different size cable gland so it can be used with different kinds of cables avoiding the use of possible junction boxes.

Technical Characteristics

Microphone type:	condenser (electret)
Mic. polar pattern:	omnidirectional
Frequency response:	90 Hz - 15 KHz
Sensitivity:	- 65.00dB +/- 2dB at 1 KHz
Impedance:	200 Ω
S/N ratio:	42dB (A)
Max SPL:	122 (THD 1%)
Output:	9mV RMS
Phantom Power:	9-48 Volts
Phantom Power Test:	push button \red LED

Terminations:	3 post barrier strip screw terminal
Dimensions:	96mm (H) x 40mm (W) x 22mm (D)
Cabinet:	light galvanized steel
Weight:	80g
Color:	light-grey (RAL 7040)
Classification:	IP40
Operating temperature:	0° to +55°C
Storage temperature:	-20° to +60°C