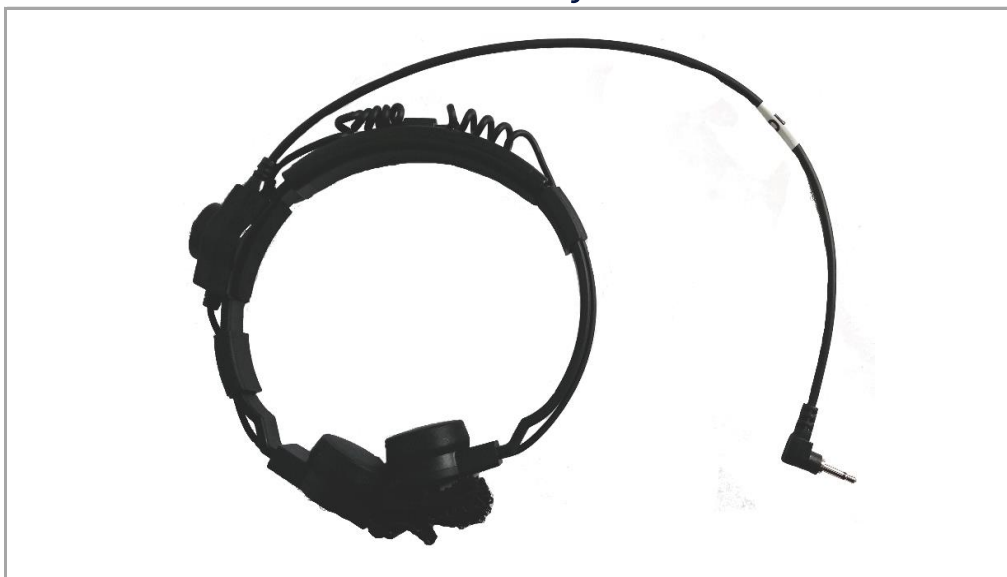


### SMBM0002- Intrinsically Safe Throat Microphone

SPC0083 rev 1.0  
IS Throat Mic Spec



#### PRODUCT SPECIFICATIONS

<b>SENSEAR PART #</b>	SMBM0002	<b>CSA CERTIFICATION<sup>1</sup></b>	Class I, Division I, Groups C,D; T3C; -20°C ≤ Ta ≤ +40°C Ex ia IIB T3; -20°C ≤ Ta ≤ +40°C Class I Zone 1, AEx ia IIB T3; -20°C ≤ Ta ≤ +40°C	
<b>COMPATIBLE SENSEAR HEADSETS</b>	SM1xSR Intrinsically Safe (MFP00078, MFP00079 & MFP00095)	<b>ATEX CERTIFICATION<sup>1</sup></b>	II 2G	I M1
<b>RoHS COMPLIANT</b>	Yes	Sira 10ATEX2369X	Ex ia IIB T3 Gb	Ex ia I Ma
<b>CONNECTION TYPE</b>	2-pole 2.5mm audio jack	<b>IECEX CERTIFICATION<sup>1</sup></b>	Ex ia IIB T3 Gb	Ex ia I Ma
<b>WEIGHT</b>	42.5 g / 1.5 oz	IECEX SIR 10.0196X, IECEX TSA 11.0016X	Ex ia IIB T3 Gb	Ex ia I Ma
<b>CABLE LENGTH</b>	250mm / 9.85in	<b>INMETRO CERTIFICATION<sup>1</sup></b>	-20°C ≤ Tamb ≤ +40°C	-20°C ≤ Tamb ≤ +40°C
		NCC 12.1019 X		
		<b>MOQ &amp; LEAD TIME</b>	1 / STOCKED	

#### COMPATIBILITY

<b>SENSEAR</b>	SM1xSR IS <sup>1</sup> , SM1 <sup>1</sup> , SM1x1 <sup>1</sup> , SM1xSR <sup>1</sup> , SDP <sup>1</sup> , Smart Group Teacher <sup>1</sup>
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#### NOTES:

This throat microphone is designed to be used in place of the IS boom microphone supplied with Sensear IS headsets. The Throat microphone features dual throat pick ups and can be used in high noise environments where ambient noise overloads traditional acoustic boom microphones. The throat microphone operates by sensing vibrations in the throat of the wearer and translating them into an acoustic signal for transmission through the headset.

<sup>1</sup>The SMBM0002 throat microphone is only intrinsically safe when used with the Sensear SM1xSR IS Intrinsically Safe headset.



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