


1023533511

## **EMMAX-1H**

Handheld Industrial EX Microphone For Exigo/Turbine

 AlphaCom

 Exigo



### **DESCRIPTION**

- Handheld microphone for Ex applications
- PTT key
- Noise cancelling microphone
- High quality digital background noise reduction
- IP66 Rating
- Designed for Exigo Ex access panels & Turbine Ex explosion-proof intercom stations

The EMMAX-1H is a handheld microphone developed specifically for the Ex range of Vingtor-Stentofon Turbine and Vingtor-Stentofon Exigo devices. The small form factor and excellent ergonomics complement the outstanding audio quality. The bracket (included with microphone) allows the microphone to be mounted on the side of the device's wall box, or on an adjacent surface.

## SPECIFICATIONS

### MECHANICAL

Dimensions (WxHxD)	44 x 68 x 21,5 mm
Weight	0,220 kg
Cable length	0,75 m (contracted) / 2 m (extended)
Bracket	Included
Surface	High friction, Rubberized

### ELECTRICAL

Microphone sensitivity	-43 dB $\pm$ 3 dB at 1kHz ( 0 dB = 1 V/Pa ) VDD=2 V RL=15 k $\Omega$ )
Directional Characteristic	Non-directional
Impedance	1.1 k $\Omega$ $\pm$ 30% at 1kHz ( RL=15 k $\Omega$ )
Phase	-179 deg $\pm$ 15 deg at 30Hz
S/N Ratio	68 dB typ. at 1kHz ( 1Pa, A weighted network )
Operating Voltage	2 V ( 1 V ~5 V )
Current Consumption	110 $\mu$ A Max. ( VDD=2 V RL=15 k $\Omega$ )
Max Input Sound Pressure Level	128 dB S.P.L. typ. ( 1 kHz, THD = 3 % )
Operating Temperature	-40° C - + 95° C
Storage Temperature	-40° C - + 105° C

### ENVIRONMENTAL

IP Rating	IP66
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### COMPATIBLE EQUIPMENT

Exigo	Access panels (EAPFX-1 & EAPFX-6)
Turbine	Ex intercom stations (TFIX-1 & TFIX-2)

### CERTIFICATIONS

CENELEC safety standards	EN 60079-0: 2012, EN 60079-11: 2012
IEC safety standards	IEC 60079-0: 2011, IEC 60079-11: 2011
Marking	II 2G Ex ib IIC T4 Gb, -20°C $\leq$ Ta $\leq$ +60°C
ATEX certificate	Presafe 14 ATEX 5209X
IECEx certificate	IECEx PRE 14.0029X





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**TFIX-1**

Ex IP Intercom Station



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**TFIX-3**

Ex IP Intercom Station



1008123040

**TFIX-4**

Ex IP Intercom Station

