

INVISIO M3 Ex HazLoc

Universal Fit

In-ear

headset for use in explosive environments.

New Standard

for communication in hazardous locations.

Noise Elimination

elimination system for crystal clear communication.

Compatible

with helmets, respirators and hazmat suits.



The ultimate in-ear headset for **hazardous locations.**

Features

ATEX and IECEx

certified for use in explosive environments

IP67 Rating

fully dustproof and submersible

Vibration sensing

Bone Conduction Microphone for clear speech and total elimination of ambient noise

High performance

balanced armature loudspeaker with low distortion

Soft Spring™

allows in-ear wearing style for discreet and secure fit

Ultra light

and small, weighing less than 6 grams

Kevlar® reinforced

silver plated alloy cable with Teflon® insulation and a pull strength of over 20kg

Ergonomic

cable retainer

Precision

made ABS polymer

Available

in left or right version

INVISIO M3 Ex

INVISIO M3 Ex HazLoc in-ear headset is certified for use in zones where explosive gas atmospheres or clouds of combustible dust in the air are likely to occur.

It features dual internal fault protection that eliminates risk of igniting explosive environments. INVISIO M3 Ex sets new high standard for communication in hazardous locations.

Technical Specifications





Cable		Receiver	
Colours	Black	Type	Balanced Armature Receiver
Length	910 mm with yellow sleeve	Maximum Peak Output	118 dB SPL @ 1 kHz
Pull Strength	20 kg	Frequency Range	200 - 6000 Hz
Connector	On request	THD	less than 1% @ 1 kHz, 100 mV input

Environmental		Power Supply	
IP Rating	IP 67*	Operating Voltage	1.5 - 10.0 V (DC)
Operating Temperature	-30°C to +55°C	Current Consumption	1 mA min
Storage Temperature	-40°C to +63°C		

Headset		Communication Microphone	
Colours	Black	Type	Vibration Sensitive Transducer
Configuration	Left or Right	Noise Level	-99.5 dBA (re. 1 V)
Weight	7 grams	Frequency Response	0 - 6 kHz
Dimensions	W 13.0 x H 11.0 x L 24.0 mm		
Wearing Style	In-ear with Soft Spring™		

*IP Rating excludes connector.

Hazardous Locations Specifications

ATEX Marking / TÜV 10 ATEX 384297 X		IECEX Marking / IECEX TUN 10.0009X			
 0044		Ex ia I Ma			
 II 2G - Ex ia IIC T6		Ex ia IIC T6 Ga			
 II 2D - Ex ia D 21 T85 IP67		Ex ia IIIC T85°C Da IP67			
 I M1 - Ex ia I Ma		-30°C < Ta < +55°C			
-30°C < Ta < +55°C		li: 350 mA	Ui: 9.0 V	Li: 30 µH	Ci: 2.3 µF
li: 350 mA	Ui: 9.0 V	Li: 30 µH	Ci: 2.3 µF		

UK +44 (0) 800 756 5305

ATEX GLOBAL LIMITED
 57 ASHGROVE ROAD
 ASHFORD
 MIDDLESEX
 UNITED KINGDOM
 TW15 1NS

www.atexglobal.com