

# Intrinsically Safe Headsets

Stay Safe and Protected with your critical Intrinsically Safe communications

• Communication • Awareness • Protection •

Sensear's intrinsically safe SmartMuff (IS) and smartPlug R (IS) products are trusted by users in hazardous environments who demand critical communications with the highest NRR (Noise Reduction Ratings). Intrinsically Safe cables are available for use with the most popular Intrinsically Safe two-way radios. Features include Bluetooth and Short Range (SR) communications in select models for wireless communications. Sensear's innovative SENS® technology is integrated with these options into headsets to provide the wearer with single and double hearing protection solutions. For communications in high noise, intrinsically safe environments HEAR THE DIFFERENCE of SENS®.



## SM1xSR(IS)

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY RADIO •  
BLUETOOTH • SHORT RANGE

**Intrinsically Safe**



## IS-SDP

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY RADIO •  
BLUETOOTH • SHORT RANGE

**DOUBLE PROTECTION HEADSET**  
**Intrinsically Safe**



## SM1R (IS)

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY RADIO  
**SINGLE PROTECTION HEADSET**  
**NO CHARGING REQUIRED**

**Intrinsically Safe**



## smartPlugR(IS)

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY RADIO  
**SINGLE PROTECTION IN-EAR BUDS**  
**NO CHARGING REQUIRED**  
**DETACHABLE EAR BUDS**

**Intrinsically Safe**

## Features and Benefits



360°  
Situational  
Awareness



Electronic  
Volume Limiter



Face to Face  
Communication



Two-way Radios



Intrinsically Safe



Bluetooth



Short Range

Sensear's industry-changing SENS<sup>®</sup> technology simultaneously combines speech enhancement with noise suppression to deliver a total high noise communications and protection solution by recognizing the different properties of speech and background noise. SENS<sup>®</sup> enables users to remain aware of their surroundings, communicate in noisy environments and protect their hearing from harmful noise.



Speech  
Enhancement



Noise  
Suppression



Situational  
Awareness



## Wearing Styles - OVER THE EAR SmartMuff's

Headband (HB)  
25-30 dB NRR



Helmet Mount (HM)  
23-29 dB NRR



Behind-the-neck (BTN)  
23-31 dB NRR



## Wearing Styles - IN EAR smartPlug's

In-Earbud  
31 dB NRR



# HEAR the difference.



ENERGY AND RAW MATERIALS



OIL & GAS / PETROCHEMICAL

Your Local Dealer

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Hear Speech Stay Protected

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