

**INTRINSICALLY SAFE HEADSET**






**\$1,755.00 GST included**

**SKU:** SM1P02 | **Categories:** [Headsets](#), [Intrinsically Safe](#) |



VARIATIONS

Image	SKU	Price	Description	Headset Style
	SM1PO2	\$1,755.00 GST included		Headband
	SM1PO2	\$1,755.00 GST included		Behind The Neck
	SM1PO2	\$1,755.00 GST included		Helmet Mounted

GALLERY IMAGES



## PRODUCT DESCRIPTION

### Features & Benefits

- Clear two-way radio communication in high-noise environments
- Compatible with leading two-way radios via removable wired connection or Bluetooth
- Bluetooth cellular connection for conversation and audio streaming (HFP, HSP and A2DP profiles)
- Improved Short Range with VOX capabilities and additional channel banks for headset-to-headset communications
  - FM Radio enable/disable: Ability to listen to commercial FM Radio stations
    - Upgraded battery life (up to 24 hours) for use in multiple shifts
  - SENS® Technology - remain aware of surrounding noises and hazards
    - 360° situational awareness

- Enhances speech while suppressing background noise to a safe level
  - Face-to-face communication in high noise
    - Limit 'in-ear' exposure to 82 dB(A)
      - Noise-cancelling boom mic
- Available in headband, behind-the-neck, and helmet style
- NRR 23-27 dB / SNR 30-33 dB / SLC80 26-31 dB, Class 5.
  - Intrinsically safe SM1P-Ex series IECEx approved.
    - Certified to (when fitted with BAT00005):
      - IEC Ex ib I Mb ( $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ )
      - IEC Ex ib IIC T4 Gb ( $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ ),
      - IEC Ex ib IIIC T155°C Db ( $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ )

Be the productivity and safety leader in your industry with our unique and innovative SENS® Technology providing hearing protection, 360° situational awareness and total communication (face-to-face, two-way radio, Bluetooth and Short Range Headset-to-headset). The SM1P02-Ex provides essential features and benefits to improve safety, reliability, and efficiency in high noise and hazardous work environments. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-cancelling boom mic filters out background noise so that clear speech is transmitted through the microphone. SM1P02-Ex's upgraded Bluetooth® module also allows for the streaming of audio to the headset. The new cable connection at ear cup allows you to use it as a wired headset along with Bluetooth and Short Range or unplug the cable and use it as a completely wireless headset via Bluetooth and Short Range. The SM1P02-Ex series is Intrinsically Safe certified to ATEX and IECEx standards for use in Hazardous Environments.

**Advantages include:**

- 360-degree situational awareness
  - Electronic Volume Limiter
    - Cellular Bluetooth
  - Face to Face Communication
    - Protects Hearing
  - Short Range Communication
    - Two-way Radios
- Speech Enhancement Noise Suppression
  - Intrinsic Safety

**ADDITIONAL INFORMATION**

<b>Weight</b>	0.8 kg
<b>Headset Style</b>	Headband, Behind The Neck, Helmet Mounted

- [Head set Information](#)
  - [Headset Manual](#)
- [IEC COC with Notation](#)

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