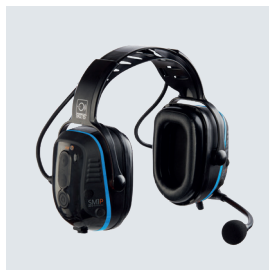


Data Sheet SM1P Series

Intrinsically Safe Bluetooth® Headsets

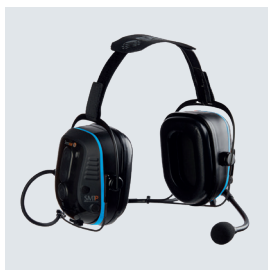


SM1PBWIS01

Headband (HB)

Weight: 495 g (17.46 oz.)

Art.-No. 70110935



SM1PEWIS01

Behind-the-Neck (BTN)

Weight: 428 g (15.09 oz.)

Art.-No. 70110931



SM1PHWIS01

Helmet Mount (HM)

Weight: 480g (16.93 oz.)

Art.-No. 70110936

NAM

UL 913 8th, UL 60079-0, UL 60079-11, CSA 60079-0, CSA 60079-11:



Class I Division 1 Groups A-D, T3C (-20°C ≤ Ta ≤ +40°C)

Class 1 Zone 0 AEx ia IIC T3 Ga (-20°C ≤ Ta ≤ +40°C)

Ex ia IIC T3 Ga (-20°C ≤ Ta ≤ +40°C)

Technical Data

HEARING PROTECTION

| | | | |
|-----------------------|---|---------------------|-----------------|
| Volume limiter | 82 dB (A) [programmable] – only applicable when headset is powered on | | |
| Region | Australia / NZ | USA / Canada | Europe |
| Standard | AS/NZS 1270 | ANSI S3.19 | EN352-1/EN352-3 |
| Result | SLC80 | NRR | SNR |
| HB | 31 dB, Class 5 | 27 dB | 33 dB |
| BTN | 27 dB, Class 5 | 24 dB | 30 dB |
| HM | 26 dB, Class 5 | 23 dB | 31 dB |

GENERAL

| | |
|------------------|------|
| IP Rating | IP54 |
|------------------|------|

POWER

| | |
|-----------------------------|--|
| Battery type | Rechargeable - lithium ion |
| Battery capacity | 2250 mAh |
| Operating time | 18 hours (Wireless with Bluetooth/Short Range activated) |
| Charge time | 4 hours |
| Charging temperature | 0°C to +40°C (32°F to 104°F) |

COMMUNICATION

| | |
|---------------------------|--|
| Voice Transmission | Boom microphone – noise canceling |
| Bluetooth | Bluetooth® 3.0: HFP (8KHz and 16KHz), HSP, A2DP, range 15 meters (49 feet) |