

# Headset

## SM1P series

### SM1PEWISPF01 NAM



- SENS® Technology - remain aware of surrounding noises and hazards
- Clear two-way radio communication in high-noise environments
- Compatible with two-way radios and ecom mobile devices via 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

SM1P, Behind-The-Neck, Division 1, with Bluetooth



## Technical Data

### General specifications

Description	Behind-The-Neck
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### Hardware

Microphone	Boom microphone noise cancelling
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### Electrical specifications

Battery type	Li-ion Rechargeable 2250 mAh
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Charging time	4 h
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Operating duration	18 h
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### Communication

Bluetooth	Bluetooth 3.0 HFP (8 KHz and 16 KHz), HSP, A2DP Range: 15 m
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Connections	SENS® 360° Situational Awareness: 95 dB(A) Half-duplex communications, Up to 8 programmable FM channels, Up to 50 meters
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### Ambient conditions

Charging temperature	0 ... 40 °C (32 ... 104 °F)
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### Mechanical specifications

Degree of protection	IP54
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Mass	428 g
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### International approvals

NEC/CEC approval	
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NEC/CEC certificate

NEC/CEC marking	Class I, Division 1, Groups A-D T3C (-20°C to +40°C) Class I Zone 0 AEx ia IIC T3 Ga (-20°C to +40°C) Ex ia IIC T3 Ga (-20°C to +40°C)
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Approved for	Mining
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## Technical Features

### Hearing Protection

Volume limiter	82 dB(A) [programmable] - only applicable when the headset is powered on.		
Region	Australia / New Zealand	USA / Canada	Europe
Standard	AS/NZS 1270	ANSI S3.19	EN352-1/EN352-3

## Technical Features

Result	SLC80	NRR	SNR
SM1P-EX / -IS (HB)	31 dB, Class 5	27 dB	33 dB
SM1P-EX / -IS (BTN)	27 dB, Class 5	24 dB	30 dB
SM1P-EX / -IS (HM)	26 dB, Class 5	23 dB	31 dB
SM1P-EXDP (HM)	30 dB, Class 5	36 dB	38 dB
SM1P-ISDP (HM)	30 dB, Class 5	36 dB	38 dB

HB = Headband, BTN = Behind-the-neck, HM = Helmet mount

## Accessories

Accessories for this product can be found on the internet at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).