

# Serenity SPC

in cooperation with






The intrinsically safe Serenity SPC Ex is a hearing protection headset especially for connection to the Ex-Handy 07 and Ex-Handy 08. The light weight headset enables you to move freely and with both hands free during your telephone call. In noisy environments you are always protected against loud ambient noises due to the high noise attenuation of the Serenity SPC Ex. As well as you understand your counterpart, your counterpart can also hear you excellently because of the noise cancelling of the microphone.



## Hearing Protection Headset Serenity SPC Ex

FOR ZONE 1 / 21

COMPATIBLE EQUIPMENT	GENERAL			
<b>Ex-Handy 08, LWP / 07 / Ex-GSM 07</b>    Page 4	<b>SNR: 28 dB Acoustic filter 110WH</b>    A0000962	<b>SNR: 25 dB Acoustic filter 100YE</b>    A0000963	<b>SNR: 24 dB Acoustic filter 105OR</b>    A0000964	<b>Lace</b>    A0000965
<b>Ex-HSPA 08 / LWP</b>    Page 6	<b>Smart-Ex 01 &amp; Ex-Handy 09</b>    A0000967	<b>Wind muffler</b>    A0000967		



# Ex



## TECHNICAL DATA

### Loudspeaker

Pattern	Balanced Armature
Impedance	50 Ohm at 1 mW / 1 kHz
Sound pressure level	max. 100 dB
Frequency range	100 Hz - 10 kHz

### Microphone

Pattern	electret
Directional	noise cancelling (NC)
Impedance	2,200 Ω
Sensitivity	-44 dB V/Pa, 1 kHz
Frequency range	100 Hz - 10 kHz

### Additional data

Ambient temperature	-20 °C to +55 °C
Noise attenuation	max. 28 dB
Weight	approx. 23 g

- Excellent performance
- Noise cancelling microphone
- Totally free movement
- Highest wearing comfort and hearing protection due to custom made ear shells
- Complies to EN 352-2

## CERTIFICATION

**ATEX**



Ⓢ II 2G Ex ib IIC T4 Gb  
Ⓢ II 2D Ex ib IIIC T130°C Db

**IECEX**



Ex ib IIC T4 Gb  
Ex ib IIIC T130°C Db