




RSM-Ex 01

Remote Speaker Microphone for Zone 1/21



<p>ATEX</p>  <p>IECEx</p>  <p>SGS (NEC/CEC)</p> 	<p>II 2G Ex <u>ib</u> IIC T4 Gb II 2D Ex <u>ib</u> IIIC T135°C Db IP64 I M2 Ex <u>ib</u> I Mb</p> <p>Ex <u>ib</u> IIC T4 Gb Ex <u>ib</u> IIIC T135°C Db IP64 Ex <u>ib</u> I Mb</p> <p>CI, II, III, Division 1, Groups A-G, T4, T135°C CI I Zn 1, AEx <u>ib</u> IIC T4 Gb CI II Zn 21, AEx <u>ib</u> IIIC T135°C Db CI I, Zn 1, Ex <u>ib</u> IIC T4 Gb CI II, Zn 21, Ex <u>ib</u> IIIC T135°C Db</p>
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SPECIFICATIONS

LOUDSPEAKER	Up to 103 dB			
POWER	Li-Ion 2200 mAh			
CHARGING	<ul style="list-style-type: none"> Charging cable and docking station with magnetic charging plug: similar concept to Smart-Ex® 01 or Ident-Ex® 01. A docking station without any electronics and a mounting option for the charging plug. Optical charging level indication (multiple LEDs) 			
CONNECTOR	<ul style="list-style-type: none"> Plug, 3.5 mm, 4-pin, straight, with lock (Smart-Ex® 01 / Ex-Handy 09) or Plug, 3.5 mm, 4-pin, right-angled or Plug, 3.5 mm, 4-pin, straight or Plug, 3.5 mm, 4-pin, straight, Next Generation (Smart-Ex® 02 / Ex-Handy 10) or Plug, 3.5 mm, 4-pin, right-angled, Next Generation (Ex-Handy 10) 			
CONNECTION	Socket, 3.5 mm, for headset			
BUTTONS	<ul style="list-style-type: none"> PTT button operable with thick gloves Front-facing multi-function button 	<ul style="list-style-type: none"> Volume up / down Red Button 		
FEATURES	<ul style="list-style-type: none"> Lone worker ready (Red Button) IOT ready (4 standard Google intents usable and/or optional 4 additional Android Intents) Build in NFC Technologies 			
RUN TIMES ²	Use time in % with typical user profiles speak/hear/standby	Noisy areas with sound level above 100 dB	Noisy areas with sound level between 84 and 100 dB	Noisy areas with sound level up to 84 dB
	5 / 5 / 90	55 h	72 h	72 h
	25 / 25 / 50	28 h	70 h	71 h
	50 / 50 / 0	17 h	67 h	69 h
		Highest noise level (8/8) ¹	Very high noise level (4/8) ¹	High noise level (2/8) ¹
STANDBY TIME	Approx. 75 hours after commissioning via the 3.5 mm jack of an Android or Windows device			
TEMPERATURE RANGE	Ta = -20...+55°C			
IP RATING	IP 64 according to EN/IEC 60079-0 (ATEX/ IECEx) IP 65 / 67 according to EN/IEC 60529 (industrial standard)			
ACCESSORIES	<ul style="list-style-type: none"> Removable belt clip Charging cable 	<ul style="list-style-type: none"> Docking station (optional) Connection of additional headsets (optional) 		

1. There are 8 different volume levels possible
 2. Determined run times on the Smart-Ex® 01 based on RSM-Ex 01 software version V16