

Explosion-proof PA Loudspeaker 25W / 100V flame- and weather-proof

Explosion-proof PA loudspeakers is designed for EX-area Zone 1 and Zone 2 as well as applications in harsh environments. The 100V-technique is preferably used as long-range loudspeaker in spacious facilities as well as in environments with high noise levels.

They are distinguished by their high efficiency, excellent speech reproduction, and good directivity.



**PA Loudspeaker,
25 W / 100 V**
Art.-No. 91911201701

Equipment features

- marine grade copper free LM6 Aluminium enclosure phosphate & powder coated finished
- Dust- and watertight
- Flameproof ,weatherproof and heat resistant
- High efficiency, good directivity
- Incl. U-shaped stainless steel bracket, adjustable

Art.-No.	91911201701
Physical Data	
Enclosure dimensions (Ø x L)	Ø 220 x 313 mm
Weight	approx. 3,95 kg
Enclosure colour	flame red RAL 3000
Electrical data	
Power rating	25 W
Transformer tapplings (100 V)	2, 6, 12,5, 25 W
Frequency range	300 Hz bis 8 kHz
Mean sound pressure level (1W/1m)	105 dB
Max. sound pressure level (25W / 1 m)	119 dB
Impedance	5000, 1670, 800, 400 Ω
Dispersion	130° at 1kHz, 32° at 4kHz
Cable entries	2 ¹⁾ (without cable glands M20)
Terminals	0,5mm ² ... 2,5mm ²
Environmental Conditions	
Ambient temperature	ATEX / IECEx: II 2 G Ex d IIB T4 (-50° ... +70 °C) ATEX / IECEx: II 2 G Ex d IIC T4 (-50° ... +55 °C) GOST-R: 1ExdIIC T4 (-50° ... +55 °C)
Protection class	IP66/67

¹⁾ Notice! EX cable glands must be ordered separately.