EXPLOSION-PROOF · ANALOG HORN SPEAKER

TCM-EX30A

30W Explosion-Proof Analog Horn Speaker

Passive 70/100 V horn for PA and PAGA in hazardous areas, rated IP67.

70 / 100 V | **IP67** | **Explosion-proof** | **Hazardous areas**



30 W max Taps 10/15/25	**70 / 100 V** Line input	**120 dB** SPL 1 W/1 m	**350–10k Hz** Freq. response	**IP67** Dust & water	**Ex-proof** Ex zones

DESCRIPTION

The TCM-EX30A is a passive explosion-proof horn speaker for public address and PAGA systems in hazardous environments. It runs on 70 V or 100 V speaker lines with selectable taps up to 30 W, and its 125 dB sensitivity (1 W / 1 m) projects clear speech and alarm tones across noisy plant areas. The sealed IP67 housing keeps out dust and water, and the stainless steel U-bracket and cable glands allow secure mounting in mines, refineries, chemical plants and other Ex zones. It works with any 70/100 V PA amplifier.

FEATURE

- Explosion-proof horn for hazardous areas
- 70 V / 100 V line, taps up to 30 W
- High sensitivity 125 dB (1 W / 1 m)
- Voice range 350 Hz – 10 kHz
- IP67 sealed, dust and water tight
- Stainless steel U-bracket, cable glands

SPECIFICATION

MODEL	TCM-EX30A		
Power Rate	15 / 30 W selectable	**Impedance**	Built-in matching transformer
Max SPL (1 W / 1 m)	125 dBm	**Freq. Response**	350 Hz – 10 kHz
Type	Passive explosion-proof horn	**Protection**	IP67, explosion-proof
Enclosure	ABS	**Finish**	Black
Installation	Stainless steel U-bracket	**Cable Entry**	2x Cable glands
Dimension	Ø250 × 352.5 mm, H 315 mm	**Net Weight**	3.5 kg
Ex Marking	Ex d e IIC T6 Gb	**Operating Temp.**	−30 °C to +65 °C

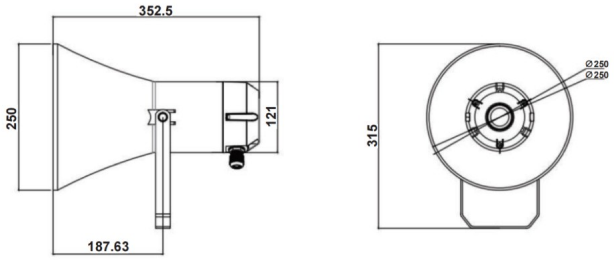
APPLICATION

Oil, gas & chemical
Refineries, fuel depots and chemical plants

Mining & tunnels
Underground and dusty, wet environments

PAGA & evacuation
Paging and alarm messages in hazardous zones

DIMENSION



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