fitre

DSP25EExmN(T)

Explosion-proof 25W loudspeaker
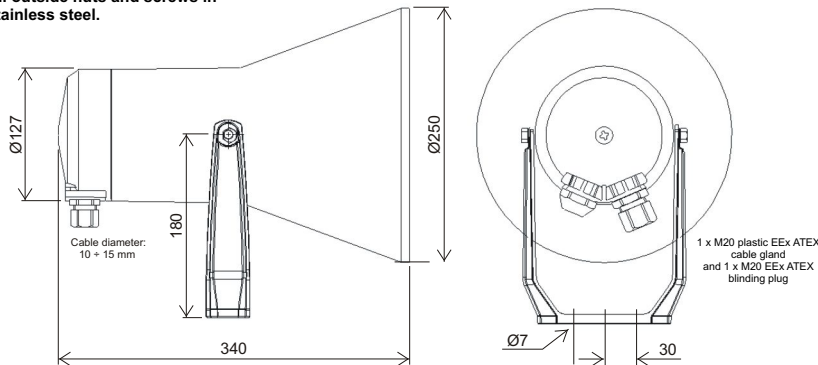
AC4905/0901

v1-0211

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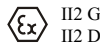### Installation, Operation and Maintenance Procedures

- When mounting the loudspeaker please ensure that it is re-assembled in the same manner in which it was received.
- To change the position of the loudspeaker please adjust the bracket (by loosening / tightening the screws) as required.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Use only certified/specified cable glands and blanking plugs.
- Do not open loudspeaker when energized.
- The loudspeaker should be checked on a regular basis to avoid any build up of debris.
- Fasten lid with a torque of 2 - 3 Nm.
- This loudspeaker is supplied with a 2 year warranty against defective workmanship.

Most of our products are available in different colors, impedances and power ratings.

All outside nuts and screws in stainless steel.

Ø127
Ø250
180
Cable diameter: 10 ÷ 15 mm
340
Ø7
30

1 x M20 plastic EEx ATEX cable gland and 1 x M20 EEx ATEX blinding plug

Certificato da: NEMKO / Ex d e mb IIB+H$_2$ / IIC T5 Gb / 10 ATEX 1053
Certificato da: NEMKO / Ex tb IIIC T89°C / 10 ATEX 1053

II2 G
II2 D
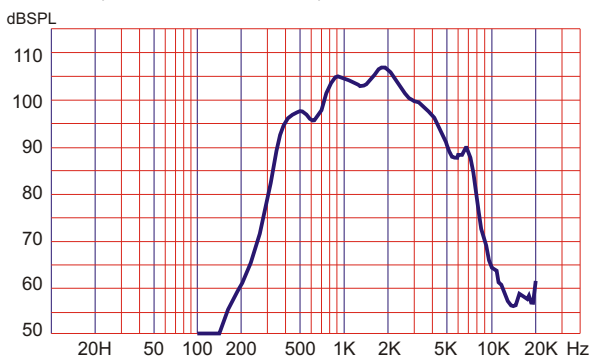
Transformer:
100 Volt line

Primary nominal tappings:
1 : 2	25,0 W
2 : 3	12,5 W
3 : 4	6,0 W
1 : 3	4,0 W
2 : 4	2,0 W
1 : 4	1,0 W

Sound pressure levels at different frequencies at 1W/1m sine wave

dBSPL

110
100
90
80
70
60
50

20H   50   100 200   500   1K 2K   5K 10K 20K Hz

	IIB	IIC
Material / Colour............Anti-static polyamide / blac		
Mounting......................................Bracket		
Termination ....e-chamber, screw terminals		
Weight...4,0 kg		
IP-rating 66		
Max. / min. amb. temp........................55°C / -53°C		
Standard version........................100 V transformer		
Rated / max. power............................25 W / 25 W		
SPL 1W/1m ....106 dB	102 dB
SPL rated power ....117 dB	113 dB
Effective freq. range ....370 ÷ 7000 Hz	400 ÷ 7000 Hz
Dispersion (-6dB) 1kHz / 4kHz................110° / 30°	100° / 30°