

Ex de



Introduction

Hazardous areas often require the use of acoustical signals for warning or information purposes. The ExII-sounder dEV20 offers both of these signalling features and is designed for continuous operation.

The ExII-sounder dEV20 has an ingress protection rating of IP66, meaning it is suitable for both indoor and outdoor installation.

The ExII-Sounder consists of a flame-proof housing manufactured from a light grade aluminium alloy and a sound channel made from impact-resistant polyester.

The sounder dEV20 includes two signal levels. The signal tone for the first level is adjusted with the slide switches 1-5 (S0) according to the signal choice list. The signal tone for the second signal level is adjusted with the slide switches 6-10 (S1).

Delivery condition: S0 = Tone 24 ,
S1 = Tone 4

Features

- Sound pressure level: up to 115 dB(A)
- 32 signal tones, 2-stage alarm
- Volume adjustable (3 steps of 10 dB)
- Aluminium housing, Polyamide
- ATEX Approval
- IP66
- II 2 G Ex d e IIB + H² T6 Gb
- II 2 D Ex tb IIIC T85°C Db

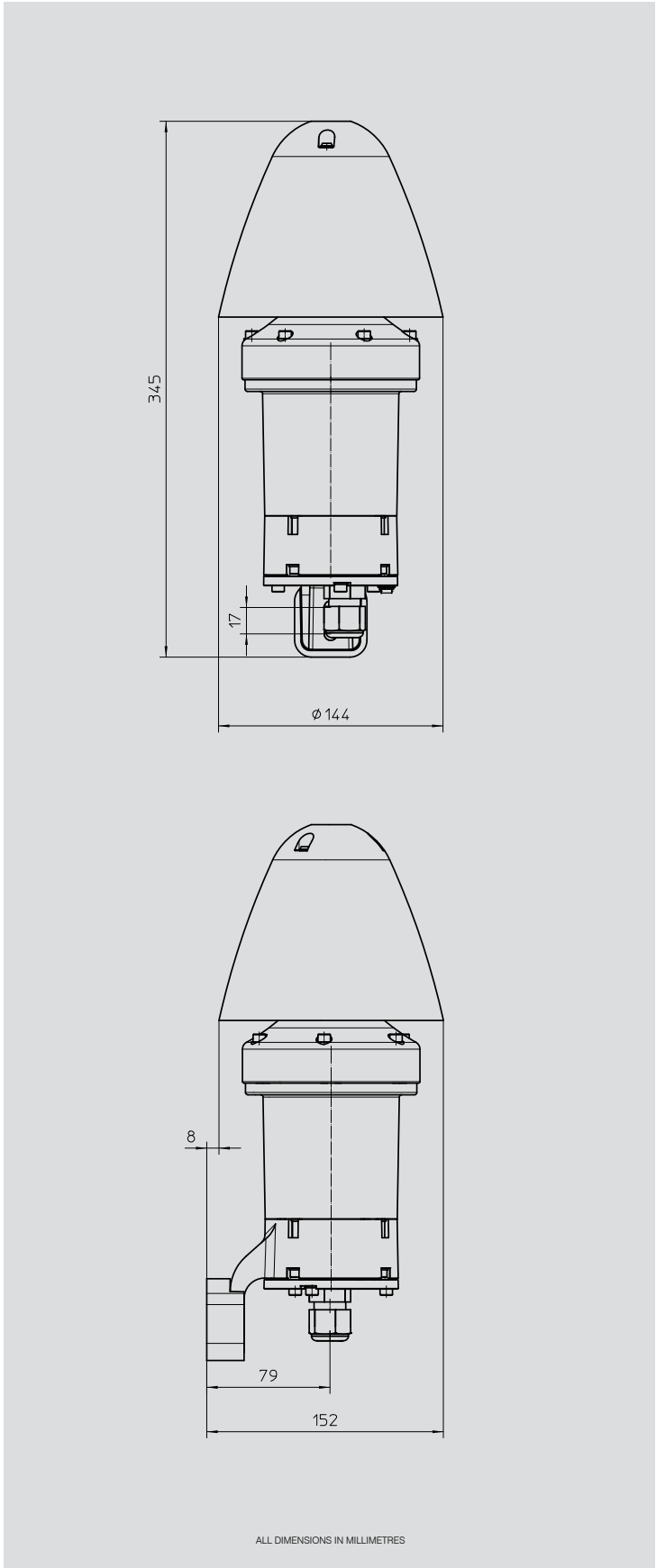
Warning in a chemical plant

The ExII-sounder dEV20 is made to protection category IP66 and may be used in zones 1 + 2 and 21 + 22.



Certification and Specification

Type of protection:	ATEX Cert. No. PTB 12 ATEX 1014. II 2 G Ex d e IIB + H2 T6 Gb. II 2 D Ex tb IIIC T85°C Db. IECEX Cert. No. IECEX PTB 13.0012 Ex d e IIB + H2 T6 Gb Ex tb IIIC T85°C Db
Protection class:	I.
Certified temp:	T6: -50°C to +60°C
Housing:	Seawater resistant Aluminium, sound protection hood Polyamide (black).
Weight:	2.8 kg
IP rating:	IP66.
Cable entries:	M20 x 1.5 (cable 5.5 to 13 mm).
Signal selection:	By DIP switches.
Volume:	Max. 115 dB(A) reducible in 3 levels each by 10 dB.
Signal tone:	32 for each signal level.
Current consumption:	93 - 460mA (dep. on voltage variation).
Power consumption:	Max. 14 W.
Clamping capacity:	To 2.5 mm².
Dimensions:	~ Ø 144 x 345 mm.



Ordering Information

Type	Name	Voltage	Current Consumption	Article no.
dEV20	Ex-Sounder	24 VDC	460 mA	F215 910 13
dEV20	Ex-Sounder	85 - 265 VAC	93 mA (230 V)	F215 910 07