Ex II signalling hooter mHP 11

High-volume signalling device for applications in zones 1 and 2

Overview

The mHP 11 Ex Signalling Hooter is designed for warning purposes in potentially explosive areas of zones 1 and 2. The hooter is available with the common supply voltages and produces a sound level of approx. 108 dB(A).

The device is driven by a powerful, non-polarized electromagnet with an adjustable tappet that hits the membrane 100 to 120 times per second.

The DC version additionally comprises an electronic circuit breaker.

Features

- Ingress protection IP 54
- Protection class II
- Protection type: II 2 G Ex e mb IIC T5 Gb
- Volume: approx. 108 dB(A)
- Cable gland M20 x 1.5

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ATEX IECEx INMETRO

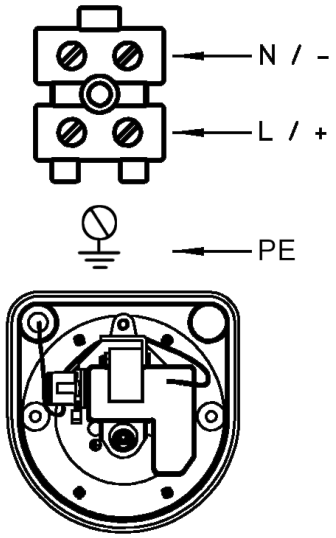
Certification

Protection type	II 2 G Ex e mb IIC T5 Gb

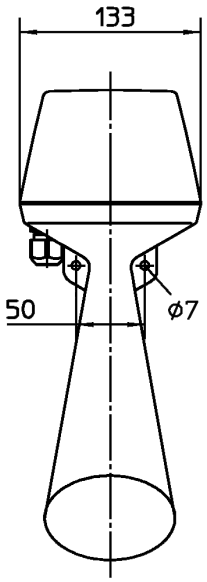
Specifications

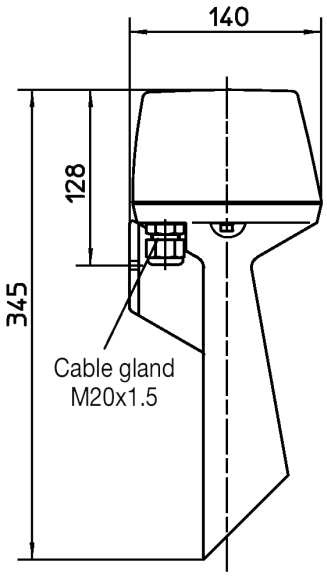
Housing	Polycarbonat
Colour	Black
Ingress protection	IP 54 according to IEC 60529
Protection class	II
Cable gland	M20 x 1,5
Connection terminals	Terminal capacity 2.5 mm²
Operating conditions	Indoors and outdoors
Operating position	Sound outlet facing downward
Duty cycle	ED 75 %
Volume	Approx. 108 dB(A), in 1 m distance
Temperature range	
Operation	DC model: -20 °C to +60 °C AC model: -20 °C to +50 °C
Storage	-40 °C to +80 °C
Weight	ca. 1.2 kg

Wiring plan



General arrangement drawing (All dimensions in mm)





Ordering data

Type	Designation	Temperature class	Input voltage	Current consumption	Art. No.*
mHP 11	Signalling hooter with cable gland	T5	24 VDC	0.3 A	FHF 401 020 111 210
mHP 11	Signalling hooter with cable gland	T5	115 VAC	0.15 A	FHF 401 020 111 206
mHP 11	Signalling hooter with cable gland	T5	230 VAC	0.07 A	FHF 401 060 111 207

* All models are certified according to ATEX IECEx. INMETRO variants are available on request.

Note: All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

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