

Ex II signalling Hooter mHG 11

High-volume signalling device
for applications in zones 1, 2, 21
and 22



Overview

The mHG 11 Ex Signalling Hooter is designed for warning purposes in potentially explosive areas of zones 1, 2, 21 and 22.

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 66
- Protection class I
- Protection type: II 2 G Ex e mb IIC T5 Gb
II 2 G Ex e mb IIC T4 Gb
II 2 D Ex tb IIIC T90°C Db
- Volume: approx. 108 dB(A)
- Cable gland M20 x 1.5

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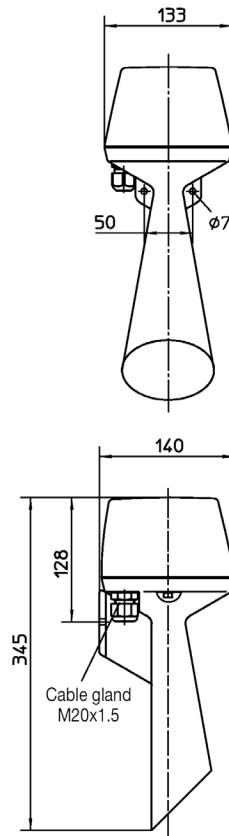
Certification

| | |
|-----------------|--|
| Protection type | II 2 G Ex e mb IIC T5 Gb II 2 G Ex e mb IIC T4 Gb II 2 D Ex tb IIIC T90°C Db |
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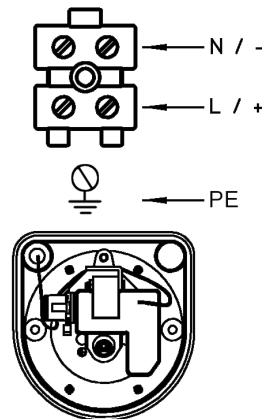
Specifications

| | |
|----------------------|---|
| Housing | Seawater-resistant aluminium, weatherproof varnish |
| Colour | Grey |
| Ingress protection | IP 66 according to IEC 60529 |
| Protection class | I |
| Cable gland | M20 x 1.5 |
| Connection terminals | Terminal capacity 2.5 mm ² |
| Operating conditions | Indoors and outdoors |
| Operating position | Horn mouth facing downward |
| Duty cycle | ED 75 % |
| Volume | Approx. 108 dB(A), in 1 m distance |
| Temperature range | |
| Operation | T4, AC/DC model: -55 °C to +70 °C T5, DC model: -55 °C to +60 °C AC model: -55 °C to +50 °C |
| Storage | -60 °C bis +80 °C |
| Weight | Approx. 2 kg |

General arrangement drawing (All dimensions in mm)



Wiring plan



Ordering data

| Type | Designation | Temperature class | Input voltage | Tolerance | Current consumption | Art.-No.* |
|--------|------------------------------------|-------------------|---------------|-------------|---------------------|---------------------|
| mHG 11 | Signalling hooter with cable gland | T4 | 24 VDC | +10 %/-15 % | 0.3 A | FHF 401 050 111 210 |
| mHG 11 | Signalling hooter with cable gland | T4 | 230 VAC | +10 %/-15 % | 0.07 A | FHF 401 050 111 207 |
| mHG 11 | Signalling hooter with cable gland | T5 | 24 VDC | +10 %/-15 % | 0.3 A | FHF 401 060 111 210 |
| mHG 11 | Signalling hooter with cable gland | T5 | 230 VAC | +10 %/-15 % | 0.07 A | FHF 401 060 111 207 |

* These models are certified according to ATEX IECEx. INMETRO versions 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.