

H100TF Trumpet Horn & Filament Lamp Beacon

Rated for continuous use the H100 series is a compact, high output signal suitable for a variety of installations. In addition to the 'buzzer' type sound the unit features a further two alarm sounds.

The H100TF incorporates the H100T with a 5W flashing filament lamp beacon. It is available in six lens colours and operating voltages from 12V dc to 230V ac.

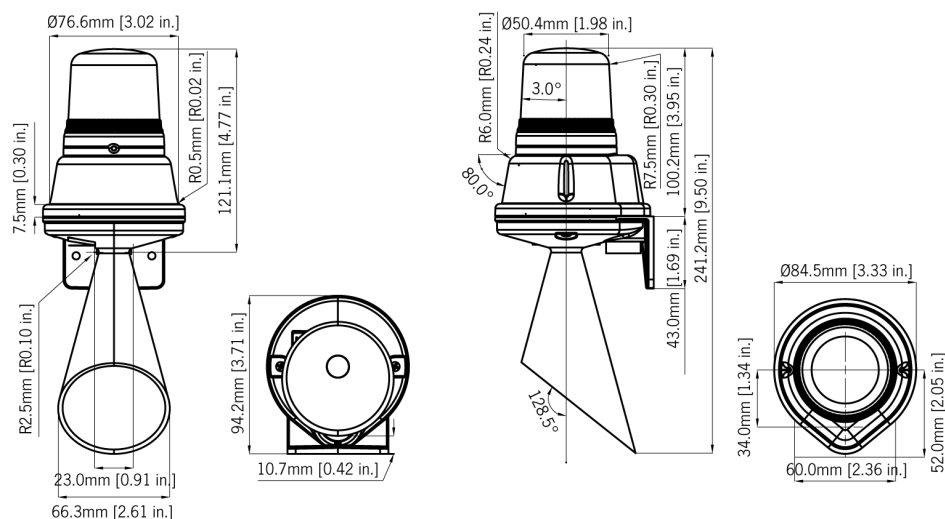
Features

- Volume control
- Stainless steel fixings.
- Bayonet fixing lens.
- Anti-tamper locking screw.

Approvals

- GOST-R approved: POCC GB-JB05-H00144.





Specification

| | |
|---------------------|---|
| Horn: | |
| No. of tones: | 3 |
| Output: | 100 dB(A) @ 1m |
| Beacon: | |
| Light source: | Filament lamp BA9s |
| Light output: | 5W |
| Flash frequency: | 1Hz |
| Candela: | 2 cd* (peak/effective intensity) |
| Lens colours: | Amber, Blue, Clear, Green, Red & Yellow |
| Lens type: | Prismatic (standard) or plain |
| General: | |
| Dimensions: | 241.2 × 94.2mm |
| Mounting: | Surface mount |
| Entries: | 1 × 5-7mm push through grommet |
| Ingress protection: | IP65 |
| Housing material: | High impact ABS (UL94V0 & 5VA) |
| Lens material: | High impact PC (UL94V0 f1) |
| Terminals: | 0.5 to 1.5mm ² |
| Operating temp: | -25 to +50°C [-13° to +122°F] |
| Storage temp: | -40 to +70°C [-40° to +158°F] |
| Relative humidity: | 90% at 20°C [68°F] |
| Weight: | 219g/0.48lbs |

*SPL data +/-3dB(A). Measured at optimum voltage.

*Candela measurements representative of performance with clear lens at optimum voltage.

Part Codes

| | |
|---|-------------------|
| Version: | Part code: |
| 12V dc | H100TF012G/* |
| 24V dc | H100TF024G/* |
| 115V ac | H100TF115G/* |
| 230V ac | H100TF230G/* |
| * = Lens colour: A: Amber, B: Blue, C: Clear, G: Green, R: Red, Y: Yellow | |

Horn Current Consumption

| Version: | Voltage: | Current: |
|-----------|-----------------|----------|
| 10-30V dc | 12V dc | 10mA |
| 10-30V dc | 24V dc | 24mA |
| 115V ac | 115V ac 50/60Hz | 19mA |
| 230V ac | 230V ac 50/60Hz | 10mA |

Beacon Current Consumption

| Version: | Voltage: | Current: |
|----------|----------|----------|
| 12V dc | | 500mA |
| 24V dc | | 250mA |
| 115V ac | 50/60Hz | 35mA |
| 230V ac | 50/60Hz | 25mA |

Tone table

S 1 Description

| | |
|-----|---|
| T 1 | 800/1000Hz @ 7Hz Sweeping |
| T 2 | Simulated buzzer sound |
| T 3 | 1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P. |