

## FEATURES

- Piezo buzzer with an Continuous tone
- Sound level of 87 dB
- Internal drive
- Panel mounting
- Diameter of 42.5 mm
- Height of 42.5 mm
- Operating temperature range of -30°C to +85°C
- Supply current of 18 mA
- Minimum frequency of 2300 Hz
- Maximum frequency of 3.3 kHz
- Minimum supply voltage of 4 V (DC)
- Maximum supply voltage of 28 V (DC)

## RS PRO 87dB, Panel Mount Continuous Internal Piezo Buzzer

RS Stock No.: 535-8354



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Part of our RS PRO range, these internal piezo buzzers are ideal for connecting to industrial equipment and can operate between 4 V DC and 28 V DC. In addition to this high-voltage range, they offer loud and continuous sound.

These buzzer components can function between -30°C to +85°C and need only an 18 mA supply current. Piezo buzzers won't affect surrounding circuitry because they don't use magnets or coils to create sound. Their versatility makes them less likely to malfunction while connected to higher-voltage, heavy-duty equipment. Their 87 dB tone is continuous and clear, even in noisy workplaces.

## General Specifications

<b>Mounting Type</b>	Panel Mount
<b>Sound Level</b>	87dB
<b>Drive Type</b>	Internal
<b>Tone Type</b>	Continuous
<b>Colour</b>	Black
<b>Application</b>	Alarms or warning systems, communications equipment and electronic cash registers.

## Electrical Specifications

<b>Minimum Supply Voltage</b>	4Vdc
<b>Maximum Supply Voltage</b>	28Vdc
<b>Maximum Frequency</b>	3.3kHz
<b>Minimum Frequency</b>	2300Hz
<b>Supply Current</b>	18mA

## Mechanical Specifications

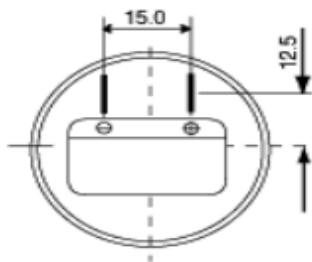
<b>Diameter</b>	42.5mm
<b>Height</b>	42.5mm
<b>Dimensions</b>	42.5 (Dia.) x 42.5mm
<b>Sound Level Distance</b>	30cm

## Operation Environment Specifications

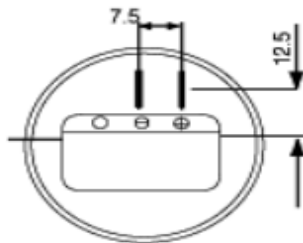
Minimum Operating Temperature	-30°C
Maximum Operating Temperature	85°C

## Approvals

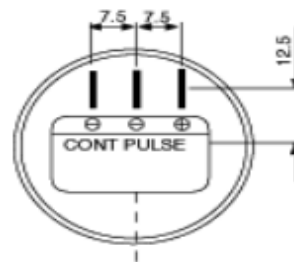
Compliance/Certifications	ANSI/ESD S20.20:2014, BS EN 61340-5-1:2007
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Bottom View 3



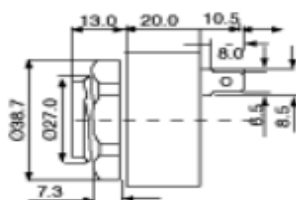
Bottom View 4



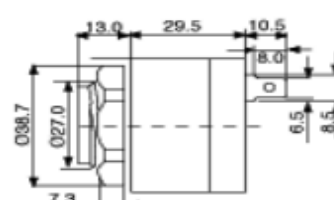
Bottom View 5



Top View



Side View D



Side View E

Tolerance:  $\pm 0.5\text{mm}$  Unit: mm