

## CI36P-16E300-M-1X

Former P/N: CED-ME516AQS

Rev. 4-2023  
RoHS3 & REACH  
IP68 & 300 HR ASTM B117 Front Face  
Piezoelectric Indicators



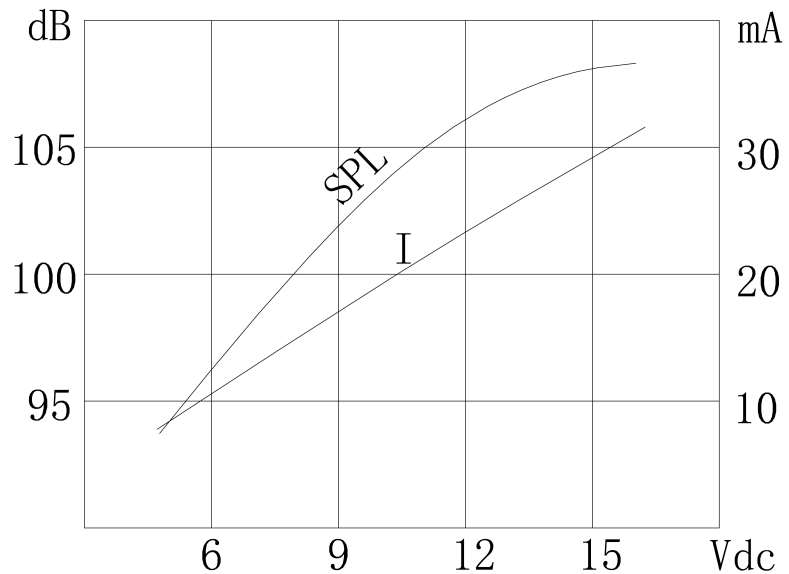
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	12 VDC
Operating Voltage	5 to 16 VDC
Max Current at Vmax	60 mA

#### ACOUSTIC

Tone Category	Continuous
Description	Steady
Center $f$	3000 $\pm$ 50 Hz
Min SPL at Vmin	85 dB
Min SPL at Vmax	100 dB
Test Conditions	61 cm



### Physical Characteristics

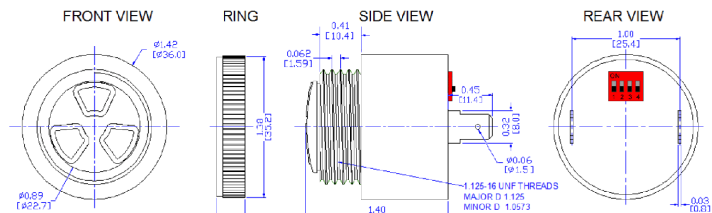
#### MATERIALS

Housing	Noryl PX9406
Diaphragm	Stainless Steel
Terminal	Electro-Tin Plated Brass

#### TEMPERATURE RANGES

Operating	-30 to +65 °C
Storage	-40 to +85 °C

Weight 35 g



Tone #	Output Sound Tone	Rate	DIP Switch Setting <sup>(1)</sup>			
			1	2	3	4
1	Continuous A Steady Tone	NA	Off	Off	Off	Off
2	Sound Pressure Level (Loudness) which exponential decays, at	1 Hz.	On	On	Off	On
3	Sound Pressure Level (Loudness) which exponential decays, at	2 Hz.	Off	On	On	On
4	An Interrupted Sound at 50% of the duty cycle, at	1 Hz.	On	Off	Off	Off
5	An Interrupted Sound at 50% of the duty cycle, at	3 Hz.	Off	On	Off	Off
6	An Interrupted Sound at 50% of the duty cycle, at	6 Hz.	On	On	Off	Off
7	An Interrupted Sound at 50% of the duty cycle, at	10 Hz.	On	Off	Off	Off
8	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	1 Hz.	Off	Off	On	Off
9	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	3 Hz.	Off	Off	Off	On
10	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	6 Hz.	On	Off	On	Off
11	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	10 Hz.	Off	On	On	Off
12	An Interrupted Sound of 4 Pulses within 0.8 Second and 0.8 Second OFF per Cycle	1.0 Second	On	On	On	Off
13	An Interrupted Sound of 4 Pulses within 0.8 Second and 1.5 Seconds OFF per Cycle	1.5 Second	Off	On	Off	On
14	An Interrupted Sound of 8 Pulses within 1.0 Second and 1.0 Second OFF per Cycle	2.0 Second	Off	Off	On	On
15	An Interrupted Sound of 8 Pulses within 1.0 Second and 4.0 Seconds OFF per Cycle	5.0 Second	On	Off	On	On

General tolerance =  $\pm 0.7$  mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
3-2019	Migrate to new format.	JL	2019-11-05
4-2023	Added 'Front Face' to the end of IP rating callout. Added General Tolerance.	AL	2023-12-26

Warranty: For a period of two (2) years from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair. IP Rating ensures functionality after water has been drained fully from device.

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