1-12-040 / Intrinsically safe signals

IS-pA1 Panel Mount Sounder

The IS-pA1 is a compact, panel mount 90dB(A) intrinsically safe alarm buzzer.

Producing a high frequency continuous tone, the IS-pA1 can be pulsed to produce different sounds. Utilising the supplied threaded lock nut the IS-pA1 mounts into a 28mm hole – ideal for applications in control panels where a fault indication or other process alarm is required.

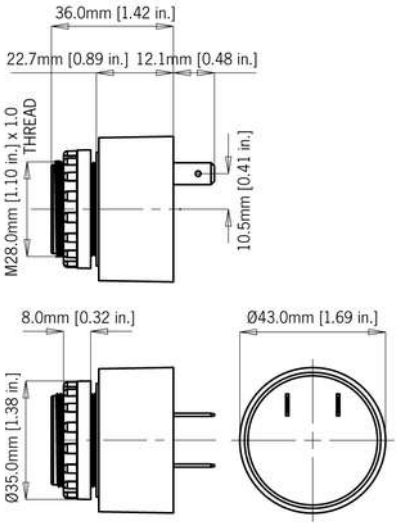
Features

- Input overload and reverse current protection.

Approvals

- ATEX certificate: SIRA 10ATEX2317X
- IECEx certificate: IECEx SIR 10.0073X
- GOST-R certificate: POCC GB.JB05.B03365





Specification

Nominal output:	89.6dB(A) @ 1m +/- 3dB [80.6dB(A) @ 10ft/3m]
No. of tones:	1 – continuous tone
Frequency:	2600Hz
Voltage:	16-28vdc via Zener barrier or galvanic isolator
Current:	12mA typical when powered from 24v supply Zener barrier
Ingress protection:	IP66
Rating:	Continuous
Housing material:	UL94V0 & 5VA FR ABS
Housing colour:	RAL7038 Grey
Mounting:	Panel mount – 28.5mm
Terminals:	Spade terminals
Operating temp:	-40° to +60°C [-40 to +140°F]
Storage temp:	-40° to +70°C [-40 to +158°F]
Relative humidity:	90% at 20°C [68°F]

Part Codes

IS-pA1-G

ATEX / IECEx
II 1G Ex ia IIB T6 Ga (-30°C <=Ta<= +60°C)

May be powered from any certified Zener barrier or galvanic isolator whose output parameters do not exceed:Uo : 40VDC Io : 660mA Po : 1.3W (T1-T4), Po : 0.6W (T5), Po : 0.3W (T6)

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.