IS-pA1 Panel Mount Sounder

e2S warning signals

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.
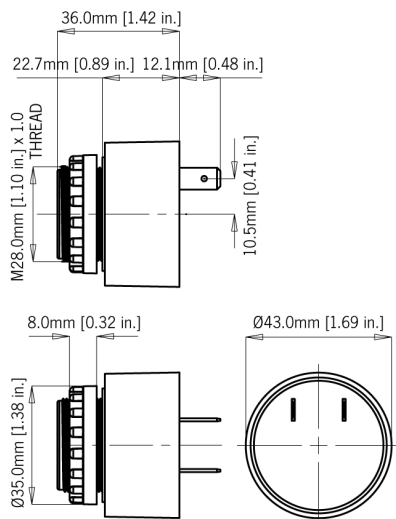
Features

- Input overload and reverse current protection.

Approvals

- ATEX certificate: SIRA 10ATEX2317X,
  EN 60079-0 : 2012,EN 60079-11 : 2012,
  IEC 60079-26 : 2014

- IECEx certificate: IECEx SIR 10.0073X,
  IEC 60079-0 : 2011, IEC 60079-11 : 2011,
  IEC 60079-26 : 2014

- GOST-R certificate: POCC GB.JB05.B03365

Dimensions

36.0mm [1.42 in.]

22.7mm [0.89 in.] 12.1mm [0.48 in.]

M28.0mm [1.10 in.] x 1.0 THREAD

10.5mm [0.41 in.]

8.0mm [0.32 in.]   Ø43.0mm [1.69 in.]

Ø35.0mm [1.38 in.]

Specification

Nominal output:	89.6dB(A) @ 1m +/- 3dB [80.6dB(A) @ 10ft/3m]
No. of tones:	1 - continuous tone
Frequency:	2 600Hz
Voltage:	16-28vdc via Zener barrier or galvanic isolator
Current:	12 mA typical when powered from 24v supply Zener barrier
Ingress protection:	IP66
Rating:	Continuous
Housing material:	UL94V0 & 5VA FR ABS
Housing colour:	RAL 7038 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

ATEX / IECEx

IS-pA1-G

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)