IS Sonos Sounder Beacon

The IS Sonos sounder beacon has been approved for use in potentially explosive atmospheres for Group I (Mining) & Group II (Above Ground) applications and incorporates a high Ingress Protected IP66 enclosure.

The sounder beacon unit incorporates a two stage alarm option and has a total of 32 selectable tones, selectable via a dip switch on the PCB and produces up to 105dB at 1 Meter.

A specially designed time saver base enables quick and easy installation of this unit with no extra cabling to be made to the head of the unit.

Connections are made to the base during the initial wiring phase which results in a faster more reliable installation. The sounder head simply twists & clicks into the pre-fixed base on commissioning avoiding any additional wiring & connections. Further details can be found on the installation sheet'

This unit must be used in conjunction with an approved Zener Barrier or Galvanic Isolator. The characteristics should not exceed Uo: 28v, Io: 93mA, Po: 660mW, Ci: 0, Li 0. The minimum value of Uo should not drop below 23.6v and the minimum value of Io should not drop below 50mA.

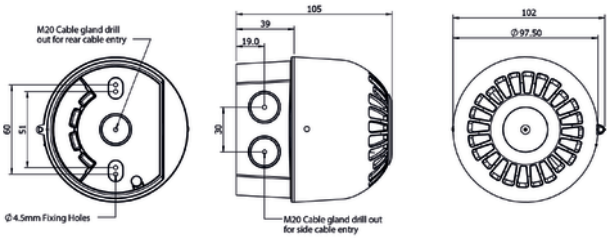
Features

- **Approved by ATEX, IECEx**
- **Group I MI Ex ia I Ma**
- **Group II IGD Ex ia IIC T6 Ga, Ex ia IIIC T85˚C Da**
- **Zones 0, 1, 2, 20, 21 & 22**
- **Conforms to:** EN 60079-0:2012 + All:2013 (IEC 60079-0:2011) EN-60079-11:2012 + (IEC 60079-11:2011)
- **Diode Polarised & End of line resistor compatible**
- **White base version available MOQ apply**
- **Dustproof & Weatherproof**



Applications - Fire, Security, Process Control and general signalling applications

Dimensions



Specifications

Part No.	Base	Lens	Light Source	Audibility at 1m	Tones	Voltage	Current Sounder
TCC-0007	Red deep base	Amber lens	9 LEDs	Up to 105dB (A)	32	24V DC	33mA
TCC-0008	Red deep base	Red lens	9 LEDs	Up to 105dB (A)	32	24V DC	33mA
TCC-0009	Red deep base	Clear lens with Blue LEDs	9 LEDs	Up to 105dB (A)	32	24V DC	33mA
TCC-0010	Red deep base	Clear lens with Green LEDs	9 LEDs	Up to 105dB (A)	32	24V DC	33mA
TCC-0011	Red deep base	Clear lens with White LEDs	9 LEDs	Up to 105dB (A)	32	24V DC	33mA

Accessories

Part No.	Accessories
TCC-0012	MTL 7728+ Shunt Diode Safety Barrier
TCC-0013	MTL 7778AC Shunt Diode Safety Barrier 28vAc 600 OHM

Certification: ATEX (EMT17ATEX0012X) IECEx (EMT 17.0005X)
Sounder: 2 Stage alarm with 32 Selectable tones
Beacon: 9 SMT LED's with either 1 Hz flash rate or static (constantly ON) mode
IP Rating: IP66 **Construction:** Flame Retardant Polycarbonate
Operating Temp: -40°C to +55°C **Humidity:** >90% at 20°C
Cable Entries: 3 x M20 **Weight:** 0.33kg

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