



# TCC-0003

## Lampeggiante rosso ATEX Ex a sicurezza intrinseca, 24 V

### IS Sonos beacon

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This LED 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 beacon has a DIP switch that gives the options to change from a 1 Hz (60 FPM) flash rate to a static (constantly On) signal.

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  $U_o$ : 28 V,  $I_o$ : 93 mA,  $P_o$ : 660 mW,  $C_i$ : 0,  $L_i$  0. The minimum value of  $U_o$  should not drop below 23.6 V and not drop below 50 mA.

### Applications

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Fire, Security, Process Control and general signalling applications



### Dettagli

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- 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 and End of Line resistor compatible
- Dustproof and weatherproof

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### Specifiche tecniche

#### Generale

|                |                                         |
|----------------|-----------------------------------------|
| Compatibilità  | TCC-0012, GBX370                        |
| System support | Conventional intrinsically safe systems |

#### Elettrico

|                                    |        |
|------------------------------------|--------|
| Tipo di alimentatore               | 24 VDC |
| Tensione di esercizio              | 24 VDC |
| Consumo attuale                    | 33 mA  |
| Numero di terminali di connessione | 2      |

#### VID

|                 |                     |
|-----------------|---------------------|
| Colore          | Red                 |
| Frequenza Flash | 1 Hz or constant ON |

#### Fisico

|                        |                      |
|------------------------|----------------------|
| Dimensioni fisiche     | 102 x 105 mm (Ø x h) |
| Peso netto             | 0.33 kg              |
| Colore                 | Rosso                |
| Tipo di montaggio      | Montaggio su base    |
| Posizione di montaggio | Soffitto, Parete     |
| Base di montaggio      | Profondo             |
| Trama                  | Smooth               |

#### Ambientale

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| A prova di vandalo                | No                                              |
| Temperatura operativa             | -40 to +55°C                                    |
| Umidità relativa                  | >90% at 20°C                                    |
| Valutazione ambientale pericolosa | Intrinsically safe - Zones 0, 1, 2, 20, 21 & 22 |
| IP rating                         | IP66                                            |

#### Regolatorio

|                |                                             |
|----------------|---------------------------------------------|
| Certificazioni | CENELEC/ATEX                                |
| Standards      | ATEX (EMT 17ATEX0013X) IECEx (EMT 17.0003X) |