

HORNS – Up to 93 dB(A) Intrinsically Safe, Weatherproof DB5 Range



Introduction

This range of light weight, intrinsically safe horns has been designed for industrial environments where potentially explosive atmospheres are present.

Suitable for use in all divisions, the units offer up to 26 selectable tones using a third wire.

The unit is available in 12V and 24V models.

European and other worldwide approvals are available, refer to main section of catalog.

- ★ FM approved – Class I, Div 1, Groups A, B, C & D.
- ★ CSA certified – Class I, Groups A, B, C & D.
- ★ ATEX approved.
- ★ NEMA 4, IP65.
- ★ Certified temperature –4°F to +131°F.
–20°C to +55°C.
- ★ Volume control as standard.
- ★ Up to 93 dB(A) output at 10 feet.
- ★ 26 different sound outputs, user selectable by internal switches.
- ★ Encapsulated electronics.
- ★ Second tone selectable using third wire.

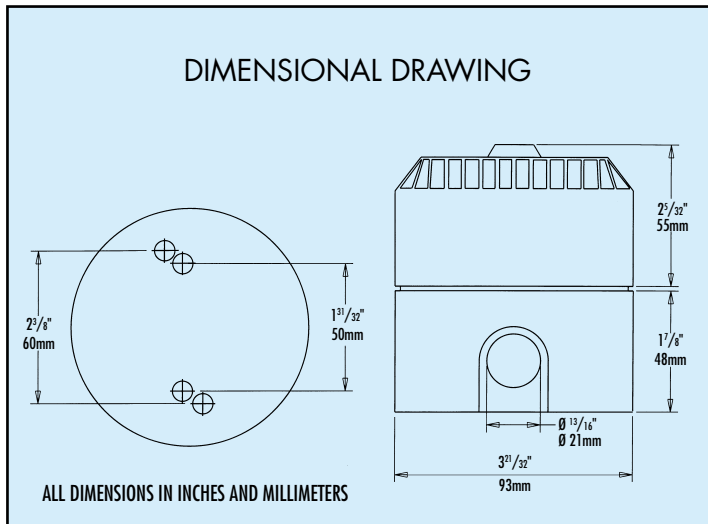
MEDC Ltd, Colliery Road,
Pinxton, Nottingham NG16 6JF, UK.
Tel: +44 (0)1773 864100
Fax: +44 (0)1773 582800

MEDC International, 5829 West Sam Houston Parkway,
North, Suite 1005, Houston, Texas 77041, USA.
Tel: +1 (713) 937 9772
Fax: +1 (713) 937 9773

MEDC Norway, Auglaendsmyraa 6,
4016, Stavanger, Norge.
Tel: +47 913 92 289
Fax: +47 914 46 030

Sales Enq. Fax: +44 (0)1773 582830 Sales Orders Fax: +44 (0)1773 582832
E-Mail: sales@medc.com Web: www.medc.com

MEDC



Specification

Certification: 1. FM approved for Class I, Div 1, Groups A, B, C & D. J.I. 3001835.

2. CSA certified to C22.2 Nos. 0, 0.4, 0.5, 25, 30, 205, Class I, Groups A, B, C & D, Cert. No. 79122.

3. ATEX approved, EN50014 and EN50020 & EN50284 EExia IIC T4. 12/24V version Cert. No. BAS00ATEX 1259 (unit) and 01E2024 (system).

4. HSE(M) to EN50014, EN50020 and EN50303. EExia 1 Cert. No. MECS01ATEX4260 (unit) and 94Y7095 (system).

Material: A.B.S. (Acrylonitrile Butadiene Styrene).

Finish: Available in Red as standard.

Certified -4°F to +131°F.

Temperature: -20°C to +55°C.

Weight: 0.7lb/0.3kg.

Entries: Up to 1 x 1 3/16" on each side via knockouts.

Terminals: 6 off suitable to accept up to 14 AWG.

Sound Output: 90± 3dB(A) at 10 feet for 12V and 24V versions.
Typical max value only – variable with tone.

Current Consumption

24V model – 14 mA max. nominal.

12V model – 12 mA max. nominal.

Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box. **Standard products available ex-stock as follows:**

Product	Description
DB5FM2NR	FM approved, Class I, Div. 1, 93 dB(A) output, 24V d.c., choice of 26 tones, red finish.

Model

DB5

Type

To order ATEX approved version, see European data sheet.

Voltage

Voltage	Code
12V	012
24V	024

Labels

Label	Code
None	N
Yes (Please specify)	Y

Finish

Finish	Code
Red	R
Special (Please specify)	S

Certification	Code
FM Approved	FM
CSA Certified	C



All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.