

ALARMING BUZZER

series
AB1-S

| | | | | | |
|------------|-------|------|-------|------|---------------------|
| Protection | Gas | Zone | 1-2 | II2G | Ex mb IIC T4 Gb |
| | Dusts | | 21-22 | II2D | Ex mb IIIC T80°C Db |

| | |
|----------------------|------|
| Degree of Protection | IP66 |
|----------------------|------|

| | | | |
|------------|----------|-------|-------|
| Amb. Temp. | Standard | -20°C | +40°C |
| | Extended | -40°C | +60°C |



| | |
|--------|----------------|
| Thread | Metric ISO 262 |
|--------|----------------|

| | |
|----------|--------------------------|
| Material | Stainless Steel AISI 303 |
|----------|--------------------------|

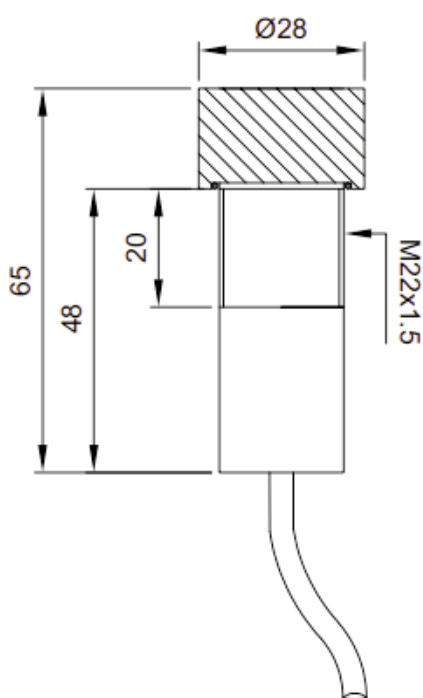
| | |
|----------|------|
| Painting | N.A. |
|----------|------|

| | |
|----------------------------|--|
| Standards and Certificates | Directive 2014/34/EU (ATEX) |
| | EN 60079-0 • EN 60079-1 EN 60079-31 |
| | CE TÜV-A 20 ATEX 0102X |
| | N.A. |

- This Buzzer stands for alarming, with a penetrating, acoustic signal, to safely indicate possible dangers in potentially explosive areas.
- The high degree of IP protection and the corrosion-resistant stainless steel housing guarantee a long service life even under aggressive environmental conditions.
- The buzzer can be used in a variety of ways in potentially explosive areas (call our technical department for additional details).
- It has also been tested in order to be installed in certified control panels of types of protection Ex d, Ex t and Ex e.

Options

- Available with different cable length: 1,5m - 3m - 5m - 10m
- Earthing set (earth lug + nut).



Electrical Data

| | |
|------------------------|--|
| Operating voltage: | 24 VDC |
| Power consumption: | max. 30 mA |
| Protection fuse: | 63 mA |
| Frequency: | 4300 Hz volume ca. 85 dB / 40 cm |
| Electrical connection: | 2x0,5 mm ² , Ø4.8 mm brown = +24 VDC blue = 0 V |

Mechanical Data

| | |
|---|---------------------------|
| Sealing: | EPDM |
| Torque: | 8 Nm |
| Mounting hole: | min Ø22 mm - max Ø22,3 mm |
| Max. wall thickness: | min 1 mm / max 15 mm |
| Weight (complete of 1,5 mt cable length): | 150 g |

NOTES

Installation and maintenance instructions shall be carefully read.

The Buzzer can be installed directly in the front of a machine without further certification, as it is approved as a device.

A lock nut is always included in the scope of delivery.

Example: AB1-S3-04 01 2

Order Coding

| Type | Frequency | Operating Voltage | Cable Length (mt) |
|--------|------------------------|-------------------|-------------------|
| AB1-S3 | 04= 4300 Hz (standard) | 01= 24 VDC | 1 = 1,5 mt |
| | | | 2 = 3 mt |
| | | | 3 = 5 mt |
| | | | 4 = 10 mt |