

AB1-S3 BUZZER

Zones 1, 2, 21, 22

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ACOUSTIC SIGNALLING DEVICES

ZONES 1, 2 (gas) & 21, 22 (dust)

The AB1-S3-type ATEX Buzzers 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. This buzzer can be used in a variety of ways in potentially explosive areas.

Thanks to its approval as a device, it can be installed directly in the front of a machine without further certification. It has also been tested in order to be installed in certified control panels of types of protection Ex e, Ex t and Ex d.

A lock nut is included in the scope of delivery.



EU-Type Examination Certificate



ITEM REFERENCES

Designation:	Cable length:	Item No.:
AB1-S3 - 1,5	1,5 m	3D0501
AB1-S3 - 3	3 m	3D0502
AB1-S3 - 5	5 m	3D0503
AB1-S3 - 10	10 m	3D0504

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-40°C to +60°C
Operating voltage:	24 VDC
Power consumption:	max. 30 mA
Prefuse:	63 mA
Frequency:	4300 Hz
Volume:	85 db approx / 40 cm
Electrical connection:	2x0.5 mm ² , Ø 4.8 mm. Brown = +24 VDC / Blue = 0 V
Housing:	Stainless steel 1.4305
Sealing:	EPDM
Ingress protection:	IP66 / Head IP30
Mounting hole:	22.0 ... 22.3 mm / M22x1,5
Torque:	8 Nm
Max. wall thickness:	1.0 ... 15.0 mm
Weight:	150 g (1,5 m cable version)

