

ETH20MD AUDIBLE WARNING DEVICE

Zones 1, 2, 21, 22

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ACOUSTIC SIGNALLING DEVICES

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

AW-ETH20MD audible warning devices are for use in open environments with a high background noise, where there is a potential explosive atmosphere. They are equipped with an electronic circuit with 32 tones and increased sound power, selectable using a deep-switch.



The acoustic transducer has an impedance of 16 Ω and a frequency of 2 KHz. The mounting bracket is made of ST. ST. 316L.

The body of the horn has to be taken into consideration when placing it. It has to be floating, to make room for the cable gland.



EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Voltage:	Working current:	Weight:	Item No.:
ETH20MD101	12 - 24 V AC/DC	0,10-0,12 A	3,10 kg	3B0201
ETH20MD103	110 V AC	0,02 A	3,25 kg	3B0202
ETH20MD104	230 V AC	0,012 A	3,25 kg	3B0203

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex d IIC or IIB+H ₂ T3 or T4 Gb II 2D Ex tb IIIC T150°C or T130°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Body and cover:	Low copper aluminium alloy. Epoxy coating RAL 7000
Speaker horn:	Anodized aluminium
Gasket:	Acid/hydrocarbon resistant silicone
Bolt and screws:	ST. ST. A2
Noise level:	113 dB
Acoustic frequency:	340/2000 Hz
Power consumption:	10 W
Frequency:	50/60 Hz
Driver impedance:	16 Ω
Operating mode:	Continuous
Ingress protection:	IP66
Cable entries:	1x3/4" NPT (cable gland not included)

