



PANASONIC

Panasonic ETHY20MD_IIB+H2 Ex horn loudspeaker 25 W, stainless steel

Product code ETHY20MD_IIB+H2 · Voice alarm systems > Ex loudspeakers

25 W Ex horn loudspeaker for hazardous areas with explosive gas and dust (Ex zones 1, 2, 21 and 22). Stainless steel construction, IP66, marking Ex db IIB+H2 Gb.

- Ex marking Ex db IIB+H2 Gb, Ex tb IIIC Db
- Ex zones 1, 2, 21 and 22
- Power taps 6 / 12 / 20 / 25 W (100 V)
- IP66, stainless steel



Product description

ETHY20MD_IIB+H2 is a 25 W Ex horn loudspeaker for hazardous areas where an explosive gas or dust atmosphere may occur. According to Panasonic, it is intended for industrial and marine environments that require clear voice announcements, explosion protection and long-term durability in demanding conditions.

The loudspeaker is suitable for Ex zones 1, 2, 21 and 22. The marking is Ex db IIB+H2 Gb, Ex tb IIIC Db, II 2GD T6 T5. According to Panasonic, the IP66 rating withstands the demanding conditions of offshore and onshore installations. The stainless steel construction improves corrosion resistance. The power is selected on the 100 V line: 6, 12, 20 or 25 W.

The IIC version of the same loudspeaker is ETHY20MD_IIC. The aluminium model is ETH20MD_IIB+H2.

Technical data

Product code	ETHY20MD_IIB+H2
Manufacturer	Panasonic
Product group	Voice alarm systems > Ex loudspeakers
Rated power	25 W
Power taps (100 V)	6 / 12 / 20 / 25 W
Frequency range	650–10,000 Hz (6 W), 450–9,000 Hz (12 W), 400–9,000 Hz (20 W), 350–10,000 Hz (25 W)
Sound pressure level (rated power, 1 m)	112 dB
ATEX classification	Ex de mb IIB+H2 Gb, Ex mb tb IIIC Db, II 2GD T6 T5
Ex zones	1, 2, 21, 22
Standards	EN 60079-0, EN 60079-1, EN 60079-31
IP rating	IP66
Operating temperature	–20...+60 °C

Humidity	Below 95%
Dimensions	Ø 270 × 400 mm
Weight	7 kg
Material	Stainless steel

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ETHY20MD Loud (Ambient System)

Product catalogue (series): PAVA voice alarm system

Technical datasheet (series): PAVA voice alarm system

EU declaration of conformity (series): Ambient System loudspeakers LS-DCE-20251112

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/ethy20md-iib-h2/