zenitel

DATASHEET

1023221611

EAPFX-1-V2

Exigo Industrial Ex Access Panel - V2

- Network access panel for explosive atmospheres
- Ex mb ib e IIC T4 Gb
- DSP for acoustic signal processing
- IP networking and power over Flowire technology
- One programmable button with individual label and status indicators
- Optional button protection covers
- Indicators for power, call and fault
- For single or dual systems (A and B systems)

Exigo | IP66 | IEC Ex Intercom | Atex | IP over 2-wire

Description

The EAPFX-1-V2 is the next generation of our Ex access panels. The EAPFX-1-V2 is a rugged access panel, developed for harsh offshore environments and hazardous areas. The antistatic plastic housing withstands corrosion from the most common corrosive gasses and compounds found in this type of environment. The access panel features one fully programmable button, which can be used to manually initiate fire alarms, gas alarms or any other action in the Exigo system.

The access panel is equipped with indicators to show the status of the power supply, call activity and whether a fault is present in the system. The access panel's button features two independent status indicators, which shows the status of the button's function.

The access panel is fully digital, and connects to the Exigo system over a single-pair cable. The access panel is fully monitored to ensure detection of any fault which may compromise the system's functionality.

Technical Dimensions

www.zenitel.com info@zenitel.com

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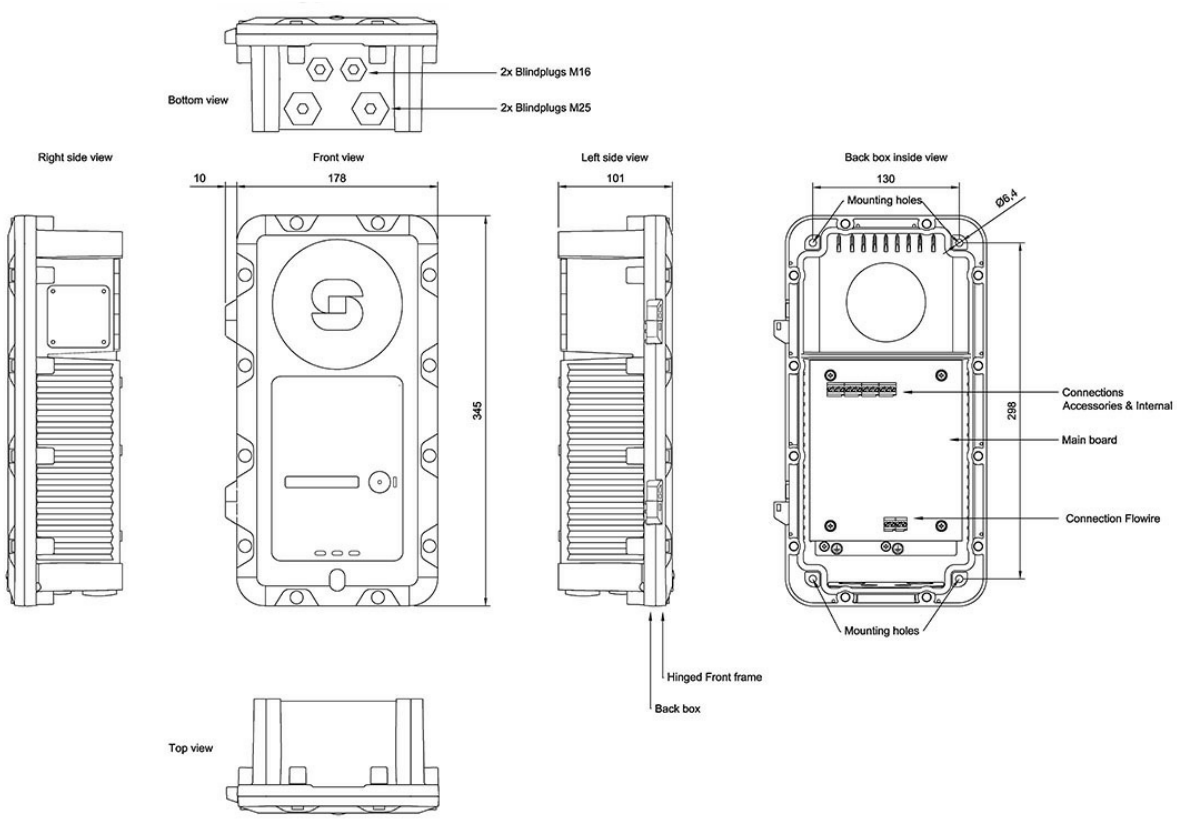

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Specifications

MECHANICAL

Dimensions (HxWxD):	345 x 178 x 101 mm
Weight:	3.4 kg
Mounting:	On-wall
Color:	Black
Cable entry (default mounted with blindplugs):	2x M25 and 2x M16.
Cable glands (in delivery):	2 pcs. for Ø10-17 mm cables

ENVIRONMENTAL

Operating temperature:	-20°C to +55°C
Operating humidity:	10% to 95% (non-condensing)
Storage temperature:	-40°C to +70°C
Storage humidity:	10% to 95% (non-condensing)
IP rating:	IP-66 (IP-64 in accordance with IEC 60079-0)
IK rating:	4J @-20°C
Magnetic Compass Safe Distance	200 cm
IEC 60945 Environmental Category	Exposed
Operator & Reading Distance	0,86m

ELECTRICAL

Nominal voltage:	24-48 VDC (SELV)
Power consumption:	PNOM ≤ 3 W (idle) PMAX = 8 W

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NETWORK	
Flowire	2 x Power line communication

CERTIFICATIONS	
Immunity	EN 60945, EN 50130-4, EN 61000-6-1, EN 61000-6-2, EN 55103-2
Emission	EN 60945, EN 50130-4, EN 61000-6-3, EN 61000-6-4, EN 55103-1
CENELEC safety standards	EN 60079-0:2018, EN 60079-7:2015/A1:2018, EN 60079-11:2012, EN 60079-18:2015/A1:2017
IEC safety standards	IEC 60079-0:2017, IEC 60079-7:2017, IEC 60079-11:2011, IEC 60079-18:2017
Marking	II 2(2) G Ex e ib mb [ib] IIC T4 Gb -20°C ≤ Ta ≤ +55°C

Accessories

EMMAX-1H

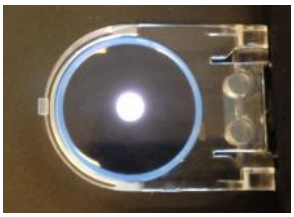
Handheld Industrial EX Microphone For Exigo/Turbine

Item Number: 1023533511

FCDC3

Flowire Ethernet Converter - DC Voltage

Item Number: 1008080310



EGA-1

Button Protection Covers

Item Number: 1023594100

TAX-2B

Ex-Approved Plugbox & Cable for Headset with PTT

Item Number: 1008150025

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