


1023221511

EAPFX-1

Exigo Industrial Ex Access Panel



 Exigo

 IP66

 IEC Ex Intercom

 Atex

 IP over 2-wire

- 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)

DESCRIPTION

The EAPFX-1 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.

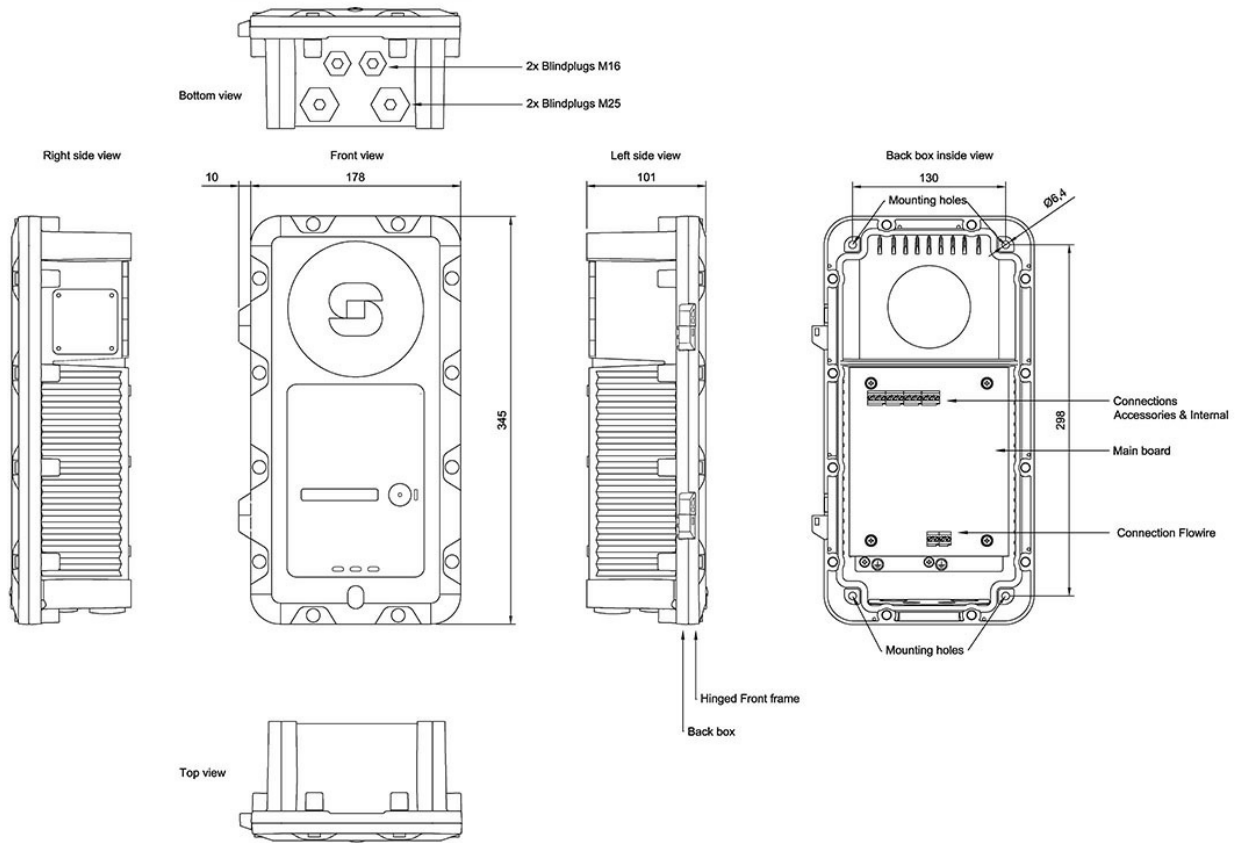
The access panel is equipped with indicators to show the status of the power supply, call activity and whether a fault is present in the system. The access panel's button features two independent status indicators, which shows the status of the button's function.

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.

SPECIFICATIONS

| ORDER NUMBER | TYPE | DESCRIPTION | SHIP WEIGHT |
|------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------|-------------|
| 1023221511 | EAPFX-1 | Exigo Industrial Ex Access Panel, 1 Button, Flowire | 3.4 kg |
| Accessories | | | |
| 1023533511 | EMMAX-1H | Exigo Handheld Industrial Ex Microphone, 1 Button, IP66 | 0.2 kg |
| AK5850HS | | A-Kabel Twincom Headband Headset ATEX | 0.4 kg |
| 1008140225 | TAX-2B | Ex-Approved Cable for Headset with PTT Button | 0.4 kg |
| 1008150030 | TAX-3 | Ex-Approved Handset with PTT, unterminated | 0.3 kg |
| 2990102120 | | Powerbox PSU, 24V DC, 120W Flowire EX 120 | 1.2 kg |
| 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 +60°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 | | |
| IK rating: | 7J @-20°C | | |
| ELECTRICAL | | | |
| Nominal voltage: | VNOM = 24 VDC VMIN = 18 VDC VMAX = 24 VDC | | |
| Power consumption: | PNOM ≤ 3 W (idle) PMAX = 8 W | | |
| 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, FCC-47 part 15B | | |
| Emission | EN 60945, EN 50130-4, EN 61000-6-3, EN 61000-6-4, EN 55103-1, FCC-47 part 15B | | |
| CENELEC safety standards | EN 60079-0: 2012, EN 60079-7: 2007, EN 60079-11: 2012, EN 60079-18: 2009 | | |
| IEC safety standards | IEC 60079-0: 2011, IEC 60079-7: 2006-07, IEC 60079-11: 2011, IEC 60079-18: 2009 | | |
| Marking | II 2(2) G Ex e ib mb [ib] IIC T4 Gb -20°C ≤ Ta ≤ +60°C | | |

TECHNICAL DIMENSIONS



ACCESSORIES



EMMAX-1H

Item number: 1023533511



AK5850HS

Item number: AK5850HS



FCDC2

Item number: 1008080210



EGA-1

Item number: 1023594100



TAX-2B

Item number: 1008150025