

1023221511

## EAPFX-1

Exigo Industrial Ex Access Panel



Exigo



IP66



IEC Ex Intercom



Atex



IP over 2-wire

### DESCRIPTION

- 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)

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.

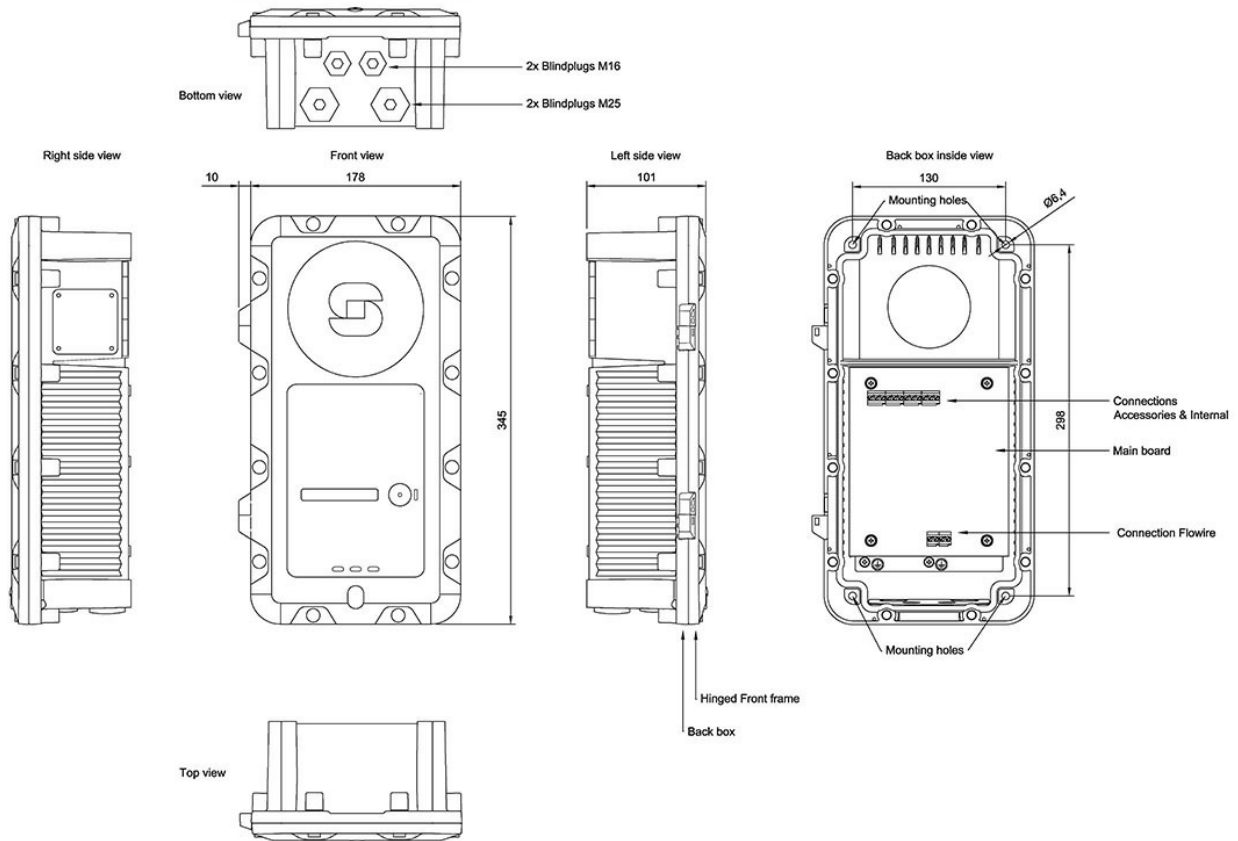
The access panel is equipped with indicators to show the status of the power supply, call activity and whether a fault is present in the system. The access panel's button features two independent status indicators, which shows the status of the button's function.

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
<b>MECHANICAL</b>			
Dimensions (HxWxD):	345 x 178 x 101 mm		
Weight:	3.4 kg		
Mounting:	On-wall		
Color:	Black		
Cable entry:	Flowire: 2 x Cable glands for 7-20 mm cable Microphone: 1 x Cable gland for 5-10 mm cable I/O: 1 x Cable gland for 7-20 mm cable		
<b>ENVIRONMENTAL</b>			
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		
<b>ELECTRICAL</b>			
Nominal voltage:	VNOM = 18 VDC VMIN = 5 VDC VMAX = 24 VDC		
Power consumption:	PNOM ≤ 3 W (idle) PMAX = 8 W		
<b>NETWORK</b>			
Flowire	2 x Power line communication		
<b>CERTIFICATIONS</b>			
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