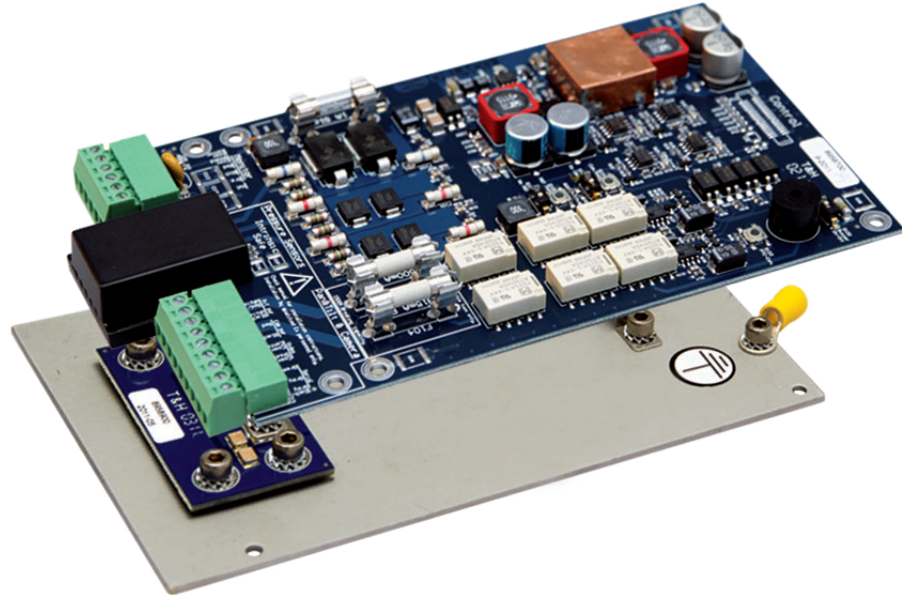


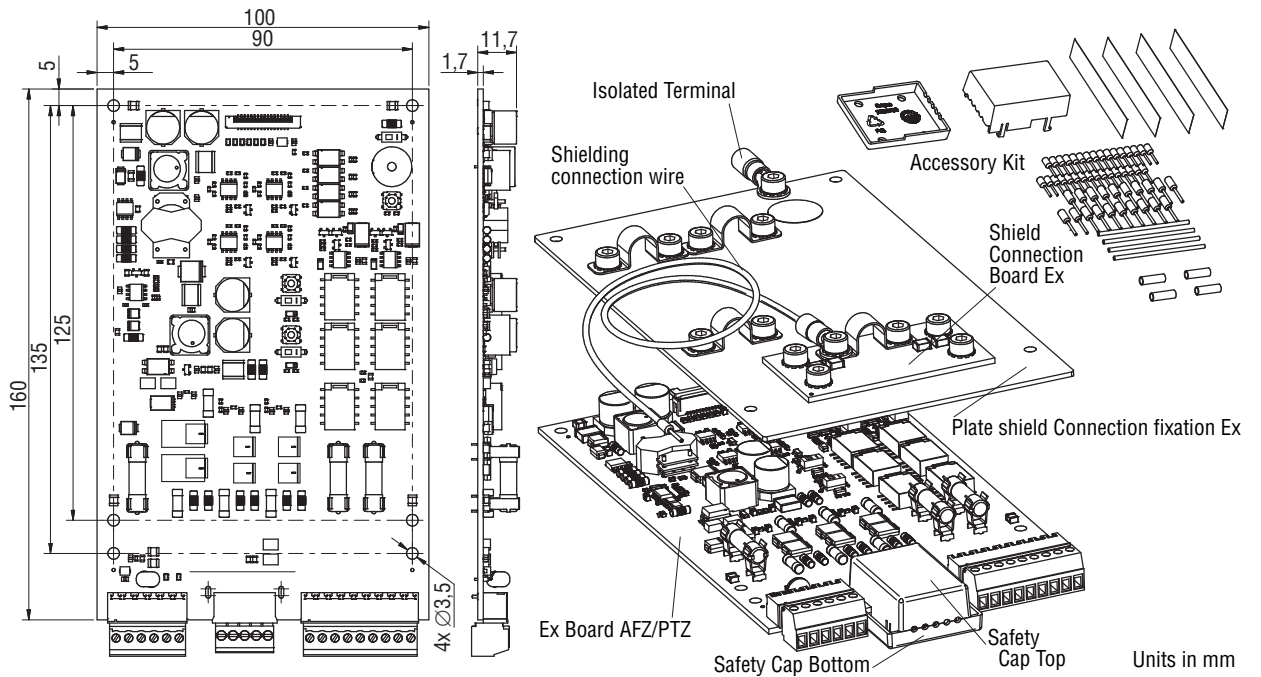
Vision is  
our mission®

Set Ex board plate  
Article no. 0404960  
2016 • DS0964180 EN A 01

# Product Data



## Dimensions



## TECHNICAL DATA

### Set Ex board plate

**Article number** 0404960  
**Description**

#### General

The Ex-board monitors the gas-pressurised camera via an intrinsic safe circuit. Whenever the protection by pressure fails all power is switched off and a buzzer will sound. This Ex-board may only be used in combination with Camera AFC Ex, Camera PTZ Ex, Camera TIC Ex and Camera PT TIC to be compliant with the applicable (EX-) regulations. The board can be mounted in a 19"-rack or in an Ex-board Box.

**Temperatuur range** -40°C ... +80°C  
**Power input** 24V/DC +/-10%  
**Weight** 0,3 Kg.

#### Electrical Parameters

**Camera connector**  
 $U_0 = 24V \pm 10\%$   
 $I_0 = 315mA$   
 $P_0 = 7,6W$

**Pan & Tilt connector**  
 $U_0 = 24V \pm 10\%$   
 $I_0 = 500mA$   
 $P_0 = 12W$

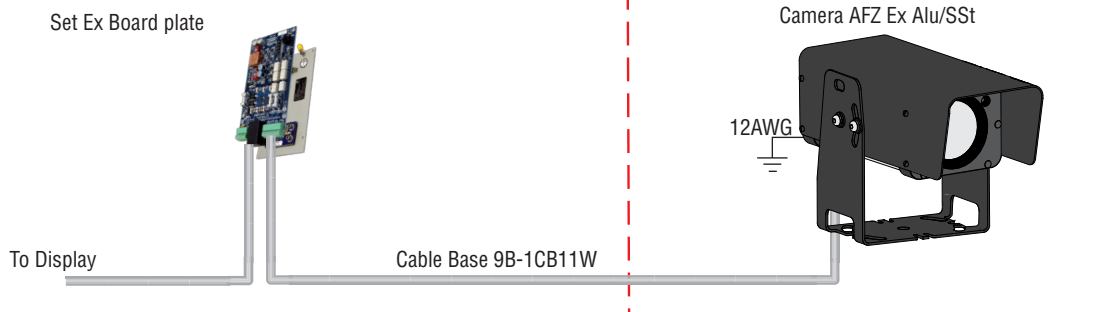
**Power connector**  
 $U_m = 29,5V$   
 $U_j = 24V \pm 10\%$   
 $I_j = 1A$   
 $P_i = 24W$

**Intrinsic Pressure sensor connector**  
 $U_0 = 12V$        $P_i = 0,8W$   
 $I_0 = 100mA$      $C_0 = 460F$   
 $P_0 = 1,2W$        $L_0 = 1,5mH$   
 $U_j = 16V$        $Li = 0$   
 $I_j = 50mA$        $Li/Rim = 0$

**Ex Specifications**  
**Certification**  
CE0344  
Ex II (2) G [Ex ib mb px Gb] IIC  
T-amb. -40°C to +75°C

#### System overview

##### Standard configuration with Set Ex Board plate



**NOTE:** For more Installation and specification details see the Orlaco Installation manuals:  
**IM0973031**; Zoom Camera AFZ Ex Alu/Sst  
**IM0973041**; Pan-Tilt Camera PTZ Ex Alu/Sst  
**IM0973081**; Pan-Tilt Thermal Image Camera PTT Ex Alu/Sst  
**IM0973151**; Thermal Image Camera TIC Ex Alu/Sst

All data subject to change without notice. All dimensions are for commercial purpose only.  
The camera/display systems from Orlaco comply with the latest CE, ADR, EMC and mirror-directive regulations, where applicable.  
All products are manufactured in accordance with the ISO 9001 quality management system, ISO/TS 16949 quality automotive, ISO 14001 environmental management systems and all Ex products with the IECEx scheme and ATEX directives, where applicable.

