

TECHNICAL DATA

Set Ex board plate

Article number **Description**
312393

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

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

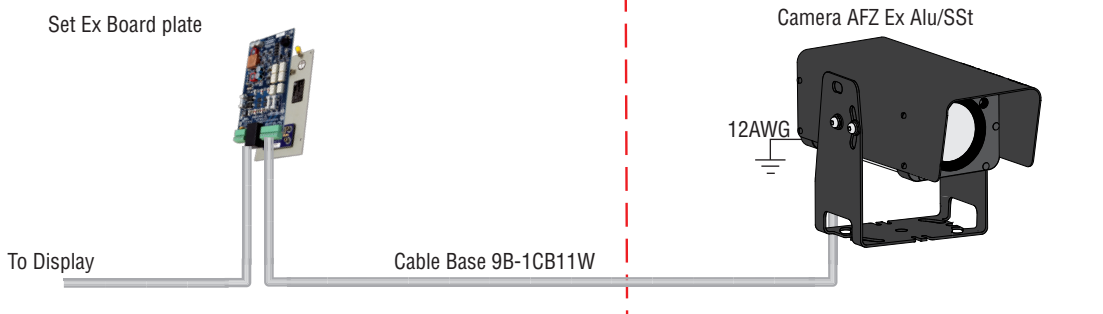
Ex Specifications

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.

