



## Data.

# Industrial Process Interface PIF



IP65

### Mechanical characteristics

Material (connection box):  
Protection level:  
Weight:  
Vibration:

Aluminium  
IP65 (NEMA-4)  
0.61 kg (with 5m cable)  
IEC 60068-2-6 (sinusoidal form)  
IEC 60068-2-64 (broadband noise)  
IEC 60068-2-27 (25g and 50g)



Schock:

### Range of temperature

-30°C to +85°C



### Power supply

10 - 24VDC



### Electrical parameters

LED display:

2 green LEDs for power and fail-safe/  
3 red LEDs for alarm relay status  
500VAC<sub>RMS</sub> between PI-camera and process  
3x analog outputs (0/4–20 mA or 0–10 V) or  
3x alarm outputs (relay 0-30 V / 400 mA)  
3 alarm relays (active if AO 1, 2 or 3 are programmed as alarm output)  
2x analog input  
1x digital input  
1x fail-safe relay  
Ranges:  
0 - 10V (for AO 1-3, depending on power supply)  
0 - 30V / 400mA (for alarm relays DO 1-3)  
0 - 10V (for AI 1-2)  
24V (for DI)

Isolation:

Outputs:

Inputs:

Ranges:

### Programmable features

Analog inputs:

Digital input:

Analog outputs:

Emissivity setting / ambient temperature compensation / reference temperature / uncommitted value / flag control / triggered snapshot, triggered recording, triggered line scan camera, triggered event grabber  
Flag control / triggered snapshot, triggered recording, triggered line scan camera, triggered event grabber  
Main measure area / measure area / internal temperature / flag status / alarm / frame sync. / fail-safe / external communication

### Expandable

up to 3 PIFs; optiscally isolated

### Compatible

with ExCam XI80 and ExCam XI410

Schillerstrasse 17  
D-35102 Lohra-Altenvers

info@samcon.eu

T: +49 6426 9231-0

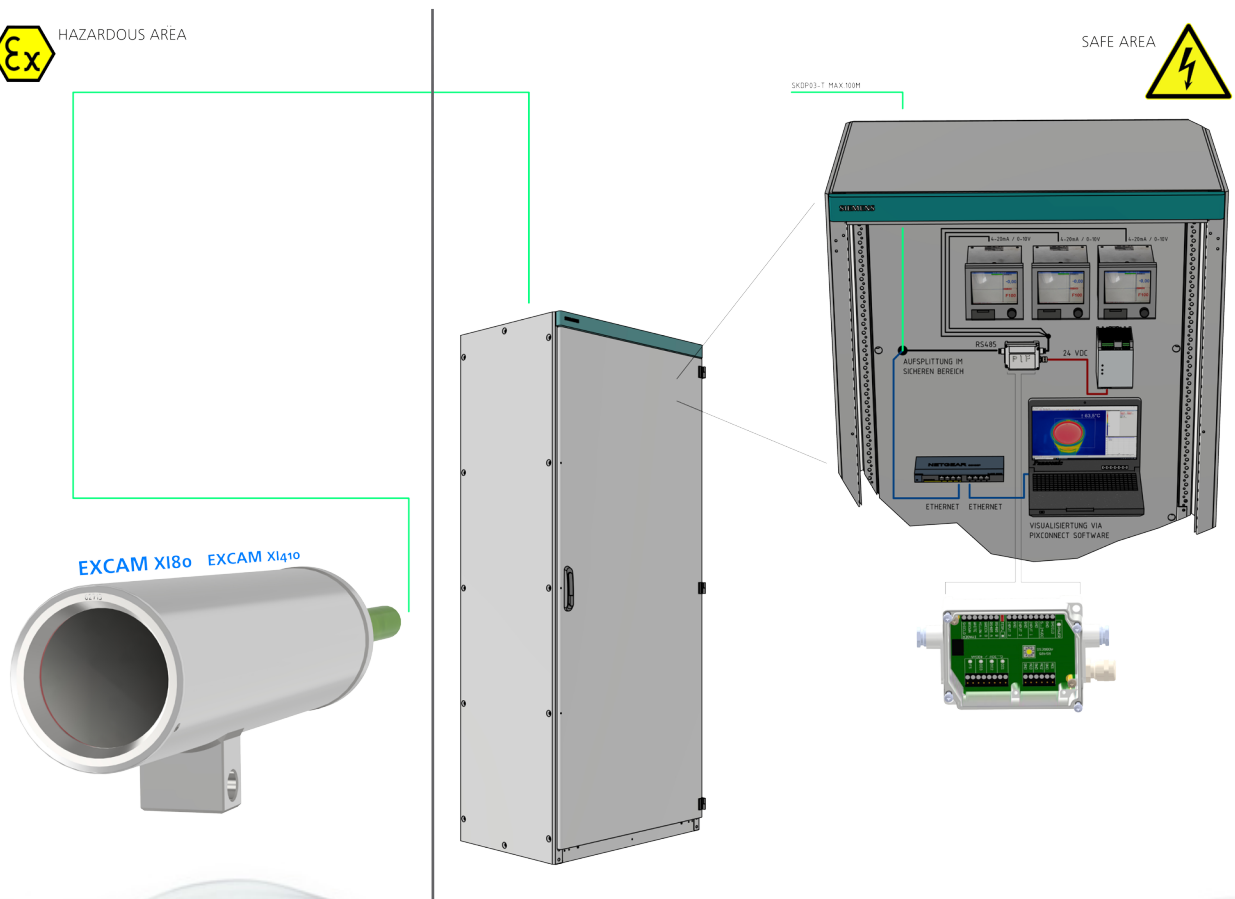
F: +49 6426 9231-31

## Application (exemplary).



HAZARDOUS AREA

SAFE AREA



© SAMCON GmbH All rights and technical changes reserved. No liability for wrong or missing data.