

Pressure controller QUINGUARD®



Patented and ATEX approved Overpressure controller for Overpressure systems

Overpressure

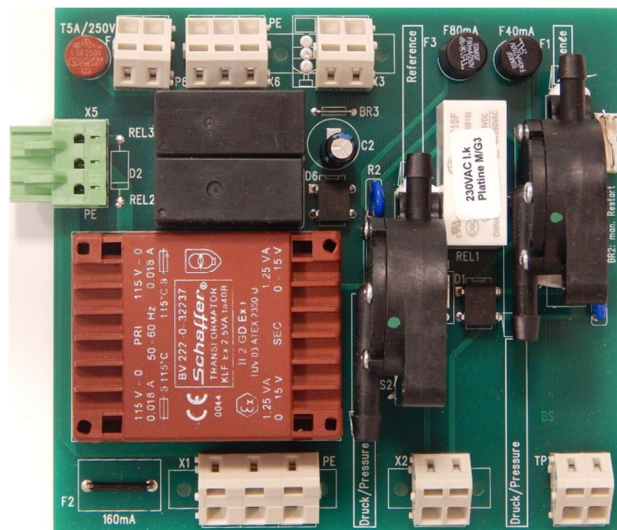


- No flushing necessary
- Installation inside the Ex e enclosure
- DIN rail mounting
- Easy operation without programming
- Low price operation
- Cost saving

Description

The newly developed pressure switch unit QUINGUARD® allows the use of non-ex components directly in zone 1 / 21 or 2/22 in connection with a pressurized enclosure. It is used for switching services. With an approved gas detector the control cabinet measure free. The QUINGUARD® will powered and pressurized the control cabinet. After reaching the pressure the build ins switched on. Then the QUINGUARD® controls the inner pressure inside of the control cabinet. If the pressure drops down under the internal pressure level all connected electric consumers in zone 1 switched off.

Only an alarm will be created by an Zone 2 application.



Possible Application

- Enclosure with HMI's
- Enclosure in all different sizes
- Analyzer
- Fill-up system
- Dosing system
- Painting system
- Temperature control units

Technical Data:

Dimension (mm): 125 x 104 x 58,5mm

Fixing: mounted in profile rail mounting TS 35

Ambient temperature: -25°C bis +70°C

Switching capacity: max. 5 A (AC or DC)

Monitored pressure: 5 mbar

Certificates

ATEX, GOST TC-RU

Marking

Pressure controller:

Ex II 2G / II2D

Pressure controller System (in enclosure):

Ex II 2G / II 2D

Power:

DC 24 Volt

AC 115 Volt 50/60 Hz

AC 230 Volt 50/60 Hz