

Prosense PEC-600 Series Gas Control Panel is able to provide automatic gas concentration reading and protection against gas hazards. Panel permanently transmits the gas concentration measurement from detectors and instantly handles the measurement of detectors. The control panel is able to generate sound and visual alarm, when measurements reach the programmed limit value. LRP Series Gas Control Panel built as a electric panel mounted system.



Prosense PEC-600 Series Control Panel has three levels of alarm which are adjustable according to the measuring range and one fault alarm for the detection loop. Individual relays per function ensure remote controlled output. There are 5 relays on the panel. Three of them used as alarm relays and configured as ALARM-1, ALARM-2 and ALARM-3. There is one FAULT relay to monitor overall fault status. An additional relay can be programmed for optionally adjusted to alarm status.

PEC-604 and PEC-606 models provide MODBUS connectivity and remote monitoring via computer based software or PLC/SCADA communication. PEC-616 and PEC-632 models provide MODBUS communication to detectors for monitoring through serial connectivity.

Specifications	Details
Inputs	PEC-604: 4 x 4-20mA Analogue Channels PEC-606: 6 x 4-20mA Analogue Channels PEC-616: 16 x RS485 MODBUS RTU Detectors PEC-632: 32 x RS485 MODBUS RTU Detectors
Monitoring	Simultaneously monitoring measurement levels, alarm and fault status
Relay Outputs	Programmable FAULT, ALARM1, ALARM2, ALARM3, AUX (optional programmable relay) Both NO/NC contacts available
Data Logging	N/A
Display	LCD 16x2
LED Indicators	DETECTOR FAULT, ALARM and SYSTEM FAULT LEDs for overall monitoring
Buzzer	YES
Programming	User friendly software enables easy programming with 4 buttons on panel door
Remote Monitoring	Optional computer based remote monitoring for PCE-604 and PCE-606
Power Supply	24 VDC
Main Power Fuse	2A
Power Consumption	27VDC/250mA-4W max. (without connected detectors)
Ingress Protection	IP20
Humidity	10-95%RH Non-Condensing
Operating Temp.	-20 to + 60 °C
Panel Material	PC (Polycarbonate), Halogen-free, Silicon-free, Durable 960' Hot Wire Experiment, Resistant to UV Rays
Dimensions/Weight	120x90x50mm / 250 Gr
Mounting	Modular Structure / Inside the control or electric panel