

# PIDQUADRO

## 4 Channel PID Controller

- Auto-Tuning and Self-Tuning (Automatic calculations of PID parameters)
- Data Logging to USB Flash Memory
- Soft-Start (Ramp action during power on) specification
- 3 Different alarm types for each channel (High, Low and Band Alarms)
- 128 x 64 Graphical LCD display
- 4 Thermocouple (J, K, L, R or S type) sensor inputs
- Configurable P, PI, PD and PID control forms Relay or (pnp “source”) transistor outputs
- Operating with Real Time Clock (RTC)
- ModBus RTU communication protocol (Optional RS-232, RS-485 and Ethernet communication)



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Features	Descriptions
<b>Control</b>	
Approvals	GOST-R, CE
Communication Protocols	RS-485 (Modbus RTU) *500Vac isolation* Ethernet (Modbus RTU Over TCP ve Modbus RTU TCP) *1500Vac isolation* USB 2.0 (Data loggin into the flash drive.)
Control Form	PID
Reading Frequency	1400 ms
<b>Electrical Features</b>	
Accuracy	± % 0.25 of full scale
Optional Sensor Inputs	-
Scale	Termokupl için -100?...1700? PT-100 için -200?...650?
Sensor Inputs	Termokupl J .K. R .S (IEC584.1)(ITS90). L (DIN43710)PT-100 (IEC751)(ITS90) PT-100 (IEC751)(ITS90)
Supply Voltage and Power	100 - 240 Vac (-%15 / +%10 ) 50/60 Hz. 7 VA 24 Vac (-%15 / +%10 ) 50/60 Hz. 7 VA 24 Vdc (-%15 / +%10 ) 7 W
<b>Output</b>	
Analogue Output	-
Optional Outputs	-
Relay Output	5A@250 Vac at resistive load PNP (source) type transistor output ( Max. 1A @24VDC )
SSR Output	-
<b>Physical Features</b>	
Dimensions	96 mm x 96 mm x 96 mm
Installation	Fixed Installation
Protection Class	NEMA 4X (IP65 at front, IP20 at rear)
Storage / Operating Humidity	90 % max. (None condensing)
Storage Temperature	0...50°C



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