



## Danaher - Thermal Controllers

### P6170



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The **P6170** is a part of the **Thermal Controllers Series** by **Danaher**.

### Specifications

<b>Accuracy:</b>	±0.1% of range ±1 LSD	<b>Alarms:</b>	2 process, 1 loop; adjustable hysteresis	<b>Break detect:</b>	<2s; high alarm for TC/mV, low for RTD/mA/V
<b>Cold junction comp.:</b>	<1°C	<b>Control:</b>	PID with pre-tune, self-tune, manual modes	<b>DC inputs:</b>	0 <sup>SPR</sup> 20mA, 4 <sup>SPR</sup> 20mA, 0 <sup>SPR</sup> 50mV
<b>Display range:</b>	1999 to 9999, adjustable decimal	<b>Env.:</b>	0 <sup>SPR</sup> 55°C op, 20 <sup>SPR</sup> 80°C stg; 20 <sup>SPR</sup> 95%RH non-cond.	<b>Interface:</b>	RS-485 2-wire, Modbus, 1200 <sup>SPR</sup> 19200 baud
<b>LED indicators:</b>	5 bi-color	<b>Outputs:</b>	up to 4 (2 valve); alarms, 24VDC supply, retransmit	<b>Power:</b>	100 <sup>SPR</sup> 240VAC, 50/60Hz, ~7.5VA
<b>Relays:</b>	SPDT, 2A @240VAC resistive, >500k ops	<b>RTD input:</b>	3-wire PT100	<b>Sampling rate:</b>	4 samples/s, 14-bit resolution
<b>Thermocouple types:</b>	J, K, C, R, S, T, B, L, N, PtRh20/40%	<b>Transmitter power:</b>	24VDC, min load 910?	<b>UI:</b>	4 buttons, dual 4-digit LED (10/8mm)

### Contact Us

**Valve control:** open-loop, auto/manual, bumpless transfer  
**Last Verified:** 07/20/2022 2:16 AM

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### Shipping Options



### Payment Methods

