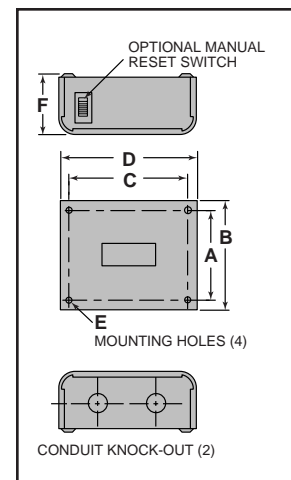


Conductance Actuated

Series PCH & PCL General Purpose Liquid Level Controls

- For sophisticated multi-level control in tanks, boilers and hydronic systems
- Electronic circuitry with remote conductance probe level sensing:
 - Series PCH probe sensitivity - 4,000 ohms at 120 VAC for boiler water and most common liquid
 - Series PCL probe sensitivity - 60,000 ohms at 28 VAC for commercial distilled water and solutions
- Teflon® coated probes provide protection from false signals [available on 24 - 72" (610 - 1829mm) probes]
- No blow down required
- Current limiting device provided
- Probe lengths 12 - 72" (305 - 1829mm) in 12" (2.5cm) increments
- Remote sensors accommodate 1 - 3 probes
- Control enclosures are NEMA 1 rated and remote sensors are NEMA 4X rated
- Optional features
 - Manual reset switch
 - Alternate pump switch
 - 28 Volt probe – Series PCL; 120 Volt probe – Series PCH
- Maximum ambient temperature 120°F (49°C)



Ordering Information

Control, remote sensor and probe(s) must be ordered separately. Order Spacer S-4 when 2 or more probes greater than 36" (914mm) will be used.

Sensors and probes are on page 82-85.

Controls

Model Number	Part Number	Description	Weight lbs. (kg)
PCH-G-A-1	179120	Control; 1 level w/125V for probe	2.7 (1.2)
PCH-G-A-1K	179121	Control; 1 level w/120/240V for probe	2.7 (1.2)
PCH-G-A-2	179150	Control; 2 levels w/125V for probe	2.7 (1.2)
PCH-G-M-1	179130	PCH-G-A-1 w/manual reset	2.7 (1.2)
PCH-G-M-1K	179131	Control; 1 level w/120/240V for probe and manual reset	2.7 (1.2)
PCL-G-A-1	179100	Control; 1 levels w/28V for probe	2.7 (1.2)
PCL-G-A-2	179140	Control; 2 levels w/28V for probe	2.7 (1.2)
PCL-G-M-1	179110	PCL-G-A-1 w/manual reset	3.0 (1.4)

Electrical Ratings

Voltage	Motor Switch Rating (Amperes)		Pilot Duty
	Full Load	Locked Rotor	
120 VAC	7.4	44.4	360 VA at 120 or 240 VAC
240 VAC	3.7	22.2	

Dimensions, in. (mm)

Control Unit	A	B	C	D	E	F
1 & 2 level	4 ³ / ₁₆ (106)	5 ¹ / ₈ (130)	5 ¹ / ₂ (140)	6 ⁵ / ₈ (168)	5 ³ / ₃₂ (4)	2 ³ / ₄ (70)