

cULus E55826

Liquid Level Pump Controller

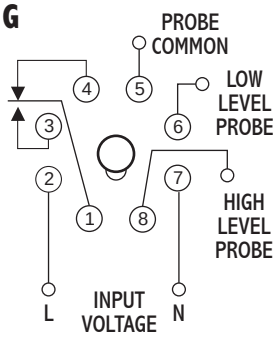
OPERATIONS

The ATC Diversified LPC Series is a conductive liquid level controller that uses two probes to sense tank level. There are two modes of operation that are user selectable.

Drain (Pump Down): The output relay will pick-up and the LED will turn on when the liquid level reaches the high level probe. When the liquid level falls below the low level probe the relay will drop-out and the LED will turn off.

Fill (Pump UP): The output relay will pick-up and the LED will turn on when the liquid level falls below the low level probe. When the liquid level reaches the high level probe the relay will drop-out and the LED will turn off.

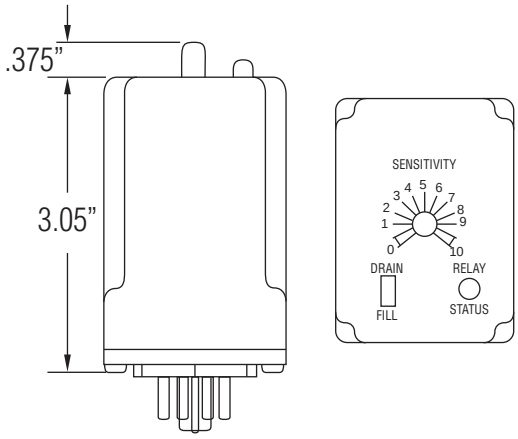
WIRING



SPECIFICATIONS

SUPPLY VOLTAGE	24V AC, 120V AC, 240V AC (+10/-20%) See ordering information below
SUPPLY VOLTAGE	Pulsed 5V DC, at terminals
SENSITIVITY	Adjustable: 1K ±500 Ω at low end 100K Ω ±25% at high end
UNIT OPERATION	Drain or Fill (User Selectable)
OUTPUT RATING	One SPDT, 5 Amps Resistive @ 240V AC
ISOLATION	1,500 volts
POWER CONSUMPTION	24 V Model 6VA, 120 V Model 6VA, 240 V Model 8VA
TEMPERATURES	Operate: -20°C to +60°C Storage: -40°C to +80°C
TERMINATIONS	8-PIN OCTAL HEADER
LED INDICATORS	Red LED illuminates when relay is active
ENCLOSURE	Style "A" 8 Pin Plug-In
AGENCY APPROVALS	cULus E55826

DIMENSIONS



MODEL NUMBER

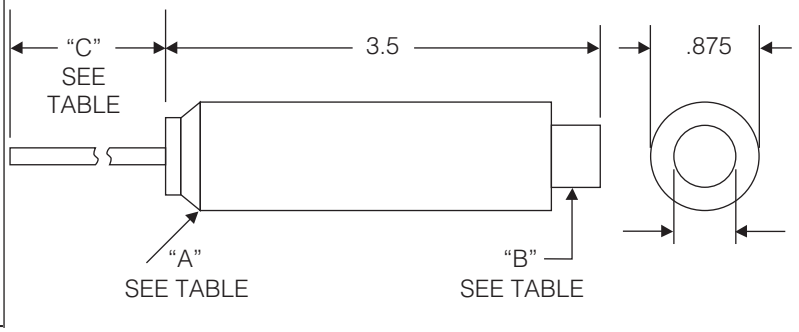
LPC	XXX	AAA

SUPPLY VOLTAGE

24 Volts AC	24
120 Volts AC	120
240 Volts AC	240

ACCESSORY:

CPR Series Conductive Probes
Stainless Steel Tip, PVC Cable, Corrosion Res.



ORDERING INFORMATION

CPR	P	S	XX

SERIES

SHIELD MATERIAL "A"
P - PVC (66°C)

PROBE TIP MATERIAL"B"
S - 316 STAINLESS STEEL

LENGTH OF WIRE "C"
10 - 10 FEET 20 - 20 FEET
30 - 30 FEET 40 - 40 FEET
- LENGTH IN FEET