CP Series Control Panels
Standard Level Control
System Electrical Panels

▶ NEMA-1 Enclosure – General Purpose
▶ NEMA-4 Enclosure – Water Resistant
▶ NEMA-4X Enclosure – Corrosion and Water Resistant
▶ Optional Equipment – Visual Alarms, High & Low Audible/Silent
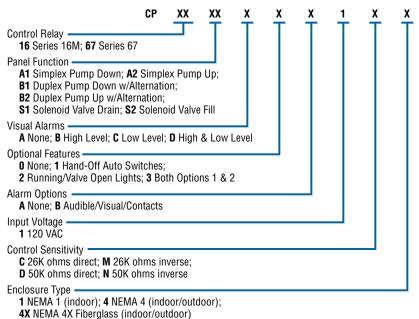   Alarms, Hand-off Auto Switches

When it comes to control panels, Gems Sensors can satisfy most requirements with our new family of CP Series Panels. These standard models were specifically designed around our most popular panel types. These industrial control panels interface with level and flow switches, Warrick conductance probes and a variety of sensors and are factory set for pump up/pump down. Gems can provide the panel and sensors you need for intrinsically safe and non-intrinsically safe environments. With each control panel, Gems provides electrical and mechanical drawings along with installation and operations manuals.

Single-function standard panel

Applications
• Simplex Pump Up/Down
• Duplex Pump Up/Down
• Pump Alternation
• Valve Fill & Drain

Specifications

Contact Design	SPST
Contact Rating (120 VAC)	10 amp Resistive
Primary Voltage	120 VAC (+10%/-15%) 50/60 Hz
Temperature	-40°F to +150°F (-40°C to +65°C) Ambient
Enclosure Type	NEMA 1, NEMA 4, NEMA 4X Fiberglass
Approvals	U.L. 508A File # E100709; U.L. 698A File # E120178 (Series 67 control only)

How to Order
Use the **Bold** characters from the chart below to construct a product code.

CP   XX   XX   X   X   X   1   X   X

Control Relay
   16 Series 16M; **67** Series 67
Panel Function
   A1 Simplex Pump Down; **A2** Simplex Pump Up;
   B1 Duplex Pump Down w/Alternation;
   B2 Duplex Pump Up w/Alternation;
   S1 Solenoid Valve Drain; **S2** Solenoid Valve Fill
Visual Alarms
   A None; **B** High Level; **C** Low Level; **D** High & Low Level
Optional Features
   0 None; **1** Hand-Off Auto Switches;
   2 Running/Valve Open Lights; **3** Both Options 1 & 2
Alarm Options
   A None; **B** Audible/Visual/Contacts
Input Voltage
   1 120 VAC
Control Sensitivity
   C 26K ohms direct; **M** 26K ohms inverse;
   D 50K ohms direct; **N** 50K ohms inverse
Enclosure Type
   1 NEMA 1 (indoor); **4** NEMA 4 (indoor/outdoor);
   4X NEMA 4X Fiberglass (indoor/outdoor)

See Our Interstitial Tank Monitoring Products on page A-22.

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