

# ProMinent® Identcodes Cooling Tower & Boiler Controllers

## AEgis Identcode Ordering System

<b>AGIA Series Version:</b>														
A Browser command & control with live views via 10 Base T TCP-IP Ethernet LAN port. User reconfigurable I/O including 8 universal digital inputs for water meter or contact sets, 5 ON/OFF powered relays for pump and valve control and 4 variable frequency pulse pump speed controls. Standard unit includes conductivity, temperature and 4-20 mA inputs. Sensors not included.														
<b>Base (built-in) conductivity, Inputs 'A' and 'B':</b>														
0 None														
1 CTF Cooling tower conductivity-temperature-flow switch input (with Blowdown relay)														
2 Cooling tower conductivity-temperature input (with Blowdown relay)														
3 Boiler conductivity sensor input (with Blowdown relay)														
4 Condensate conductivity-temperature input (with Blowdown relay)														
5 Conductivity continuous sample monitor														
<b>Expansion Slot #1, Inputs 'C' and 'D':</b>														
XX None					OM Single ORP - Monitor									
B1 Single boiler conductivity with blowdown relay					RR Dual ORP - Control									
BM Single boiler conductivity - monitor					O2 Dual ORP - Monitor									
B2 Dual boiler conductivity with blowdown relay					OP ORP and pH - Control									
BB Dual boiler conductivity - monitor					MM ORP and pH - Monitor									
CC Boiler condensate conductivity/temp - relay					CR Single Corrosion Rate									
CN Boiler condensate conductivity/temp - monitor					DC Dual Corrosion Rate									
PC Single boiler condensate pH - control					CI Single 4-20 mA input - Control									
PN Single boiler condensate pH - monitor					IM Single 4-20 mA input - Monitor									
CO Cooling tower conductivity/temp - relay					2I Dual 4-20 mA input 1 Control									
CM Cooling tower conductivity/temp - monitor					2M Dual 4-20 mA input 2 Control									
PH Single cooling tower pH - control					I1 Dual 4-20 mA input (isolated) 1 Control									
PM Single cooling tower pH - monitor					I3 Dual 4-20 mA input (isolated) 2 Control									
PP Dual cooling tower pH - control					I4 Dual 4-20 mA input (isolated) Monitor									
P2 Dual Cooling Tower pH - Monitor					IO Single 4-20 mA output									
PT Single pH/Temp (temperature compensated pH)					OO Dual 4-20 mA output									
OR Single ORP - Control														
<b>Expansion Slot #2, Inputs 'E' and 'F':</b>														
XX None					OR Single ORP - Control									
B1 Single Boiler Conductivity with Blowdown Relay					OM Single ORP - Monitor									
BM Single Boiler Conductivity - Monitor					RR Dual ORP - Control									
B2 Dual Boiler Conductivity with Blowdown Relay					O2 Dual ORP - Monitor									
BB Dual Boiler Conductivity - Monitor					OP ORP and pH - Control									
CC Boiler Condensate Conductivity/Temp - Relay					MM ORP and pH - Monitor									
CN Boiler Condensate Conductivity/Temp - Monitor					CR Single Corrosion Rate									
PC Single Boiler Condensate pH - Control					DC Dual Corrosion Rate									
PN Single Boiler Condensate pH - Monitor					CI Single 4-20 mA input - Control									
CO Cooling Tower Conductivity/Temp - Relay					IM Single 4-20 mA input - Monitor									
CM Cooling Tower Conductivity/Temp - Monitor					2I Dual 4-20 mA input 1 Control									
PH Single Cooling Tower pH - Control					I2 Dual 4-20 mA input 2 Control									
PM Single Cooling Tower pH - Monitor					2M Dual 4-20 mA input Monitor									
PP Dual Cooling Tower pH - Control					IO Single 4-20 mA output									
P2 Dual Cooling Tower pH - Monitor					OO Dual 4-20 mA output									
PT Single pH/Temp (temperature compensated pH)														
<b>4-20 mA input, Input 'G':</b>														
0 Standard feature. Input can be used for any 4-20 mA input single (See sensor list for loop powered toroidal choices)														
1 Toroidal Conductivity														
<b>Pump Output Type (includes 1 powered relay for blowdown):</b>														
P Powered (120/240VDC) relays (4 max)														
V Variable frequency pulse out (4 max)														
X Combination of P and V (must select X for factory configuration)														
<b>Factory configuration (assign inputs/outputs, etc.)</b>														
0 None														
T Cooling tower - factory configuration														
B Boiler - factory configuration														
X Factory configuration (must supply worksheet)														
C Cooling tower trim feed														
<b>Pre-wired power relay plug cables:</b>														
0 None			3 Three			0 None			3 Three outlets					
1 One			4 Four			1 One outlet			4 Four outlets					
2 Two			5 Five			2 Two outlets			5 Five outlets					
<b>Pre-wired power relay plug box:</b>														
0 None			3 Three outlets			0 None			3 Three					
1 One outlet			4 Four outlets			1 One			3 Three					
2 Two outlets			5 Five outlets			2 Two			5 Five					
<b>Inhibitor on/off outputs (tower only)</b>														
0 None						0 None			2 Two					
1 One						1 One			3 Three					
2 Two						2 Two			5 Five					
<b>Timed biocide on/off outputs:</b>														
0 None			2 Two			0 None			3 Three					
1 One			3 Three			1 One			5 Five					
<b>Internal boiler treatment on/off outputs</b>														
0 None			3 Three			0 None			3 Three					
1 One			4 Four			1 One			4 Four					
2 Two			5 Five			2 Two			5 Five					
<b>Enclosure Option:</b>														
0 Standard enclosure 7.5"W x 11.3"H														
S Standard enclosure with mains switch														
E Extra large enclosure 16"W x 14"H														
F Extra large enclosure 16"W x 14"H w/ mains switch														
<b>Remote communications:</b>														
0 Standard option; Ethernet port														
P Phone Modem														
M Modbus														
R Alarm Relay														
N Modbus + Alarm Relay														
<b>Operating Voltage:</b>														
0			115 VAC 50/60 Hz			0			115 VAC 50/60 Hz					
1			230 VAC 50/60 Hz			1			230 VAC 50/60 Hz					
<b>Approvals (Internal only):</b>														
01			Standard			01			Standard					

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