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<tr>
<th>Loop Control Inputs</th>
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<th>Comms</th>
<th>Security</th>
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</table>

1) Event Input:  
- 300 Series configurable for 1 of 9 functions  
  - SP2, PID2, SP2/PID2 reset alarms, disable output 1, 2, or 1 & 2, 
  - switch remote to local SP, Lock all parameters  
- P Series configurable for 1 of 8 functions:  
  - Profile - Start, Hold, Abort, Switch to Manual mode, failure transfer, all outputs off, 
  - setpoint advance, select 2nd PID parameters 
- L Series Event Input is configurable as remote reset or remote Lock:  
  - Event input is standard L41; optional on L91 and consumes L91 output #2 

2) 300 & P Series PID Sets: Both models are capable of storing two PID sets  
- P and 300 Series may switch between PID sets via event input  
- P Series may also have specific PID set configurable by segment within a profile. 

3) P Series Output 2, 3 & 4:  
- Hardware may be specified as an Output or Trx Power Supply  
- Outputs may be specified as an Alarm or an Event  
- events functional when running a profile, configurable by segment)  
  - alarm configurable as standard alarms and as profile alarms: Hold, Run or End  
- Output #4 (P41 only) may also be specified for Retransmission of PV or SP 

4) L Series:  
- L Series Output #1 is a latching output; No PID output  
- Output #2 configurable as Process (latching or) or alarm silence logic  
  - L 91 Single Display: when in Alarm show PV, when not in alarm show PV as follows:  
    - L 91 display configurable to show PV, SAFE or SP1 or 2.  
- L41 display: upper display always shows PV  
- L41 lower display: when in alarm shows SP, 
  - when not in alarm configurable to show SP or SAFE 

5) 9090 output #2: 
  - Alarm only configurable as process, deviation, deviation band or timer 

6) 300 Series Alarm Logic:  
  - also includes Heater Break Alarm based upon PV#2 CT input, loop break alarm, 
  - process alarms on PV #1 and/or 2 and delta PV1 & PV2 

7) P Series Alarm functionality:  
  - P Series does not offer latching output or Timer alarm outputs  
  - P Series also offers profile specific alarm logic: End of Profile, Hold mode and Static mode 

8) Communications: Analog Retransmission and Serial Modbus RS232/485:  
  - Analog Retransmission and Serial Modbus are mutually exclusive except for the model P41  
  - The 300 & 100 Series, C21 and L41 offer a specific Communications output option in matrix  
  - The C91 and L91 Series offers Communication options but are mutually exclusive with output #2  
  - Multiview PC based SCADA and Orion-M color touch screen systems communicate with 300 Series only 

9) Analog Retransmission - 300 Series: 
  - PV, SP or percent out for output #1 or #2 

10) Analog Retransmission - 100, C, L and P Series: 
  - PV or SP 

11) Security L Series: Setpoint & configuration Lock occurs after time-out period or digital input 

12) Agency Approval - UL component recognition & UL Listed 
  - The L41 & P Series are UL Listed, all other controls are UL Recognized 

13) P Series Profile Overview:  
  - up to 9 programs  
  - up to 2 PID outputs w/2 PID sets 
  - up to 64 segments/program 
  - up to 3 alarms or events 

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