

Signal Processors Model P531 or P532

Triple Channel UV and IR Signal Processor with external keypad (P532UI) that supports three switched viewing heads simultaneously.

Overview



Model P531 signal processors are fail-safe, self checking signal processors capable of monitoring two S55XBE and one S70X series viewing heads simultaneously, and when used with P532UI, it can display UV and IR flame count separately for S550BE viewing heads. The processors offer independent gain adjustments, and for S552BE and S550BE, multiple frequency settings. P531 are ideally suited for tangentially fired boilers where two viewing heads are required for main burner and S70X for side or horn igniters.

Features & Benefits:

- Models available in AC (P531AC) or DC (P531DC) input voltage
- P532UI detachable user interface, FlameTools software or PDA with optional interface cable is used for programming
- P531 + P532UI detachable user interface reduces cost when multiple units are required
- Seven front panel LED status indicators
- Capable of monitoring up to 3 viewing heads simultaneously with independent flame relay and common fault relay contacts output
- Automatic viewing head detection and error detection
- Ability to monitor UV and IR separately from one S550BE viewing head
- Each viewing head can be associated with two sets of configurable files (primary or alternate)
- Automatic set up functionality (auto gain, auto sequence and auto filter)
- Marginal alarm relays can be configured to provide a secondary indication if flame count drops below set value
- Viewing head temperature indication (except with S70X)
- Modbus RS422 communication for use with FLAMETOOLS-PC or FLAMETOOLS-HMI/U supports 64 loops and 32 loops, respectively

Filters

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- ☒ Base Part
- ☒ Spare Part

▼ TYPE

- ☒ Signal Processor
- ☒ Display Assembly

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- P531AC

AC SIGNAL PROCESSR W.BASE/TRM (3CHNL)
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AC SIGNAL PROCESSR W.BASE/TRM (3CHNL)
- P531DC

DC SIGNAL PROCESSR W.BASE/TRM (3CHNL)
- P531DC

DC SIGNAL PROCESSR W.BASE/TRM (3CHNL)
- P532AC

AC SIGNAL PROCSSR W.BASE/TRM (3CH+DISPL)
- P532AC

AC SIGNAL PROCSSR W.BASE/TRM (3CH+DISPL)
- P532DC

DC SIGNAL PROCSSR W.BASE/TRM (3CH+DISPL)



P532DC

DC SIGNAL PROCSSR W.BASE/TRM (3CH+DISPL)

P532UI

PROGRAMMING UI FOR P531 SIGNAL PROCESSRS

P532UI

PROGRAMMING UI FOR P531 SIGNAL PROCESSRS

