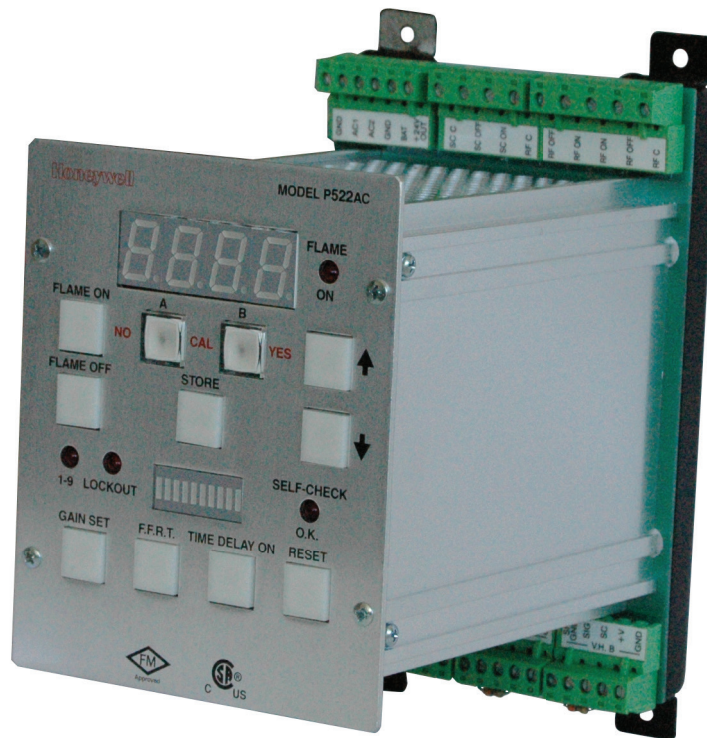


FLAME DETECTION SYSTEM

IRIS P522 AMPLIFIER



IRIS P522 AMPLIFIER



FLAME DETECTION SYSTEM

IRIS P522 AMPLIFIER

KEY FEATURES

- Flame signal amplifier
- Input flame signal from Viewing Head: Vin 7.5-30 VDC range (input R=3900 Ohms), 13.6 VDC, 3,2mA
- P522DC: 22-26VDC, 130mA plus 100mA for each Viewing Head
- P522AC: 85-264VAC, 47-440Hz, 0.3A Max
- Battery power: 22-26VDC, 130mA plus 100mA for each Viewing Head
- Flame relay 2 form C contacts
- Self-checking relay 1 form C contact
- Relay contact ratings: 5A at 30VDC, 125VAC and 277VAC
- Ambient Temperature: 0°C to + 52°C
- Signal processor to V.H. : 4 conductor, #18AWG one wire with braided shield (IRIS C328)
- Analog Flame Signal: 0 to 19mA or 4 to 19mA 360 ohm max resistance
- Power to Viewing Head: fused with self-re-setting fuses at 0.25A (+26VDC, fused @0.24A)
- Dimensions: 182x108x150mm
- Weight: 0.9kg

SERIAL COMMUNICATION

- RS - 422 (Differential) 4800 or 9600 baud
- Input / Output circuits photocoupler isolated from P522 power supplies and ground. Baud rate selectable from front panel of P522

APPLY TO

- Heaters
- Boilers
- Burners

MANUFACTURER

Combustion and Energy Srl
Part number: P522 AC (85 - 264 VAC)
P522 DC (22 - 26VDC)

