



# TELEDYNE GAS AND FLAME DETECTION Everywhereyoulook™



## Features

### 7800 Controller

### 8800 Controller

<b>Analog Inputs</b>	✓	12 bit, 8/16, 0(4)-20mA	✓	12 bit, 8/16, 0(4)-20mA	
<b>Analog Outputs</b>	✓	10 bit 4-20mA output. Max load 800 ohms with nominal 24VDC power supply	✓+	16 bit 4-20mA output. Max load 800 ohms with nominal 24VDC power supply	<b>NEW</b>
<b>Alarm Level Functionality</b>	✓	3 independent alarm levels with relay acknowledge	✓+	4 independent alarm levels with relay acknowledge	<b>NEW</b>
<b>Communication Ports</b>	✓	Standard dual Modbus RS-485 master/slave ports	✓+	Standard dual Modbus RS-485 master or slave ports and Modbus TCP server/client port	<b>NEW</b>
<b>Graphic Display</b>	✓	5 inch standard monochrome graphic backlit LCD	✓+	5.7 inch bright QVGA color screen displaying data as trends, bar graphs, and engineering units	<b>NEW</b>
<b>Standard Relays (Without Auxiliary Relay Board)</b>	✓	4 Standard, partially programmable SPDT common alarm relays	✓+	5 Standard, fully programmable SPDT alarm relays. 4 standard programmable digital outputs	<b>NEW</b>
<b>Optional Relays</b>	✓	Standard discrete relays	✓+	Standard discrete relays plus truly programmable relays	<b>NEW</b>
<b>Isolated Modbus Options</b>		Not available	✓+	Two additional isolated and programmable Modbus RS-485 ports available	<b>NEW</b>
<b>Data Logging Capability</b>		Not available	✓+	Data logging on SD card allows recording of input, values and events	<b>NEW</b>
<b>Web Server</b>		Not available	✓+	Configuration and monitoring available via embedded web server	<b>NEW</b>

Teledyne Gas & Flame Detection quality assurance programmes demand the continuous assessment and improvement of all our products. Information in this leaflet could thus change without notification and does not constitute a product specification. For more information, please contact us or your company representative



**TELEDYNE**  
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