



FFAST™ SPECIFICATIONS

Fire Alarm Aspiration Sensing Technology

| Electrical Specifications | |
|----------------------------------|---|
| External Supply Voltage | 18-30 VDC |
| Remote Reset Time | External monitor must be pulled low for a minimum of 100 ms |
| Power Reset | 1 sec. |
| Average Operating Current | 500 mA @ 24 VDC |
| Alarm | 650 mA – All relays active, all alarm levels displayed. Voltage @ 24 VDC |
| Relay Contact Ratings | 3.0 A @ 30 VDC, 0.5 A @ 125 VAC |
| Environmental Ratings | |
| Operating Temperature | 32°F (0°C) to 100°F (38°C) |
| Sampled Air Temperature | -4°F (-20°C) to 140°F (60°C) |
| Humidity Range | 10 to 95% (non-condensing) |
| IP Rating | IP30 |
| Coverage Area | 8,000 sq. ft. (743 sq. m) |
| Air Movement | 0-4,000 ft./min. (0-1,219 m/min.) |
| Physical Specifications | |
| Height | 13.25 inches (33.7 cm) |
| Width | 13.0 inches (33 cm) |
| Depth | 5.0 inches (12.7 cm) |
| Cable Access | 4 1-inch (2.54 cm) cable entry holes on top and bottom of unit |
| Wire Gauge | 12 AWG (2.05 mm) max. to 24 AWG (0.5 mm) min. |
| Maximum Single Pipe Length | 262 ft. (80 m) |
| Maximum Branched (2) Pipe Length | 165 ft. (50 m) each branch |
| Maximum Air Inlet Holes | 40 holes |
| Network Outside Pipe Diameter | 1.050 inches, IPS (25 mm) |
| Internal Pipe Diameter | 0.591 to 0.827 inches (15-21 mm) |
| Sensitivity Range | 0.00046 %/ft. obs – 4.0 %/ft. obs |
| Relays | 8 form C, 3 AMP, programmable latching or non-latching |
| Event Log | 18,000 events stored |
| Communication Network | Ethernet monitoring, 6 E-mail address alerts |
| Shipping Weight | 8.5 lbs. (3.8 kg), includes packing material |
| User Interface Display | |
| | The User Interface consists of 5 Alarm levels – Alert, Action 1, Action 2, Fire 1, and Fire 2, 10 Particulate levels, 10 Bi-color Flow and Fault graph. |

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Toll-free: 800.538.0363

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