

 DET-TRONICS		Model: X3301
		Part Number: 028251-001
		Code: X3301S4M23T2

Detector

North American Standards

International Standards

Sensor Type:	<i>Multispectrum Infrared (optical)</i>
Optics heater (microprocessor controlled):	Yes
Visible Fire/Fault Indication:	<i>Yes, Tri-color LED</i>
Continuous Optical Integrity Self-test:	Yes
Manual self-test option on demand:	Yes
Test Lamp Needed:	No
Field of View Horiz/Vert (Degrees):	<i>90° horizontal by 75° vertical of the on-axis detection distance</i>
Fire Hazard Type to be detected:	<i>Note 1</i>
Detection Distance (on center axis):	<i>Note 1</i>
Detection Distance (off axis):	<i>Note 1</i>
Response Time (on axis):	<i>Note 1</i>
Datalogging & diagnostic software available:	<i>Note 1</i>

Electrical

Operating Voltage:	18-30 vdc
Power Consumption (Without Heater):	<i>4 watts at 24 vdc nominal 5.2 watts at 24 vdc in alarm 4.5 watts at 30 vdc nominal 6.5 watts at 30 vdc in alarm</i>
Power Consumption (Heater Only):	<i>8 watts maximum</i>
Total Power:	<i>17 watts at 30 vdc with EOL resistor installed and heater on maximum</i>
Alarm Relay Output:	<i>Form C, 5 amp at 30 vdc</i>
Fault Relay Output:	<i>Form A, 5 amp at 30 vdc</i>
4-20mA Analog Output:	YES
RS-485 Modbus Output:	NO
HART Output:	YES
Pulse Output:	NO
Other Digital Communications:	NO

Enclosure

Housing Material:	316 SS
Cable Entries:	4 x M25
Enclosure Protection:	<i>NEMA type 4X</i>
Optics Protection System:	Yes
HART Communications Port (i.s.):	<i>Yes, airshields, sight limiters, weather shield</i>
Dimensions:	<i>10(L) x 4.8(W) x 4.7(H) in.</i> <i>25.4(L) x 12.2 (W) x 11.9(H) cm</i>
Shipping Weight:	<i>Aluminum: 7 lbs. (3.2 kg). Stainless Steel: 13.8 lbs. (6.3 kg).</i>

ایمن کنترل سهند

مرکز تخصصی طراحی، فروش و مشاوره

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Honeywell



آدرس: تهران - خیابان سمیه - بعد از تقاطع بهار - ساختمان ایرج - پلاک ۶۳ - واحد ۱۱

۰۹۳۹۵۱۸۸۱۶۴ ۰۲۱-۸۸۳۴۱۴۸۳ ۰۲۱-۸۶۰۷۲۸۲۳



IMEN
CONTROL
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Ratings

Operating Temperature:	-40°F to +167°F	-40°C to +75°C
Storage Temperature:	-67°F to +185°F	-55°C to +85°C
Hazardous Location Rating	-67°F to + 257°F	-55°C to +125°C
Operating Humidity:	0-95%	
Safe Failure Fraction (IEC 61508):	92%	

Approvals

Performance Certifications:	FM, CSA	IECEx / ATEX
Hazardous Area Certifications:	FM 3260	EN54-10
Hazardous Area Classification:	Class I, Div. 1, Groups B, C & D (T4A); Class II, Div 1, Groups E, F & G(T4A); Class I, Div. 2 ,Groups A, B,C&D(T3C); Class II, Div 2. Groupd F & G (T3C); Class III	IECEx: IECEx ULD 06.0017X Ex d IIC T6...T4 Gb Ex tb IIIC T130°C T6 (Tamb = -55°C to +60°C) T5 (Tamb = -55°C to +75°C) T4 (Tamb = -55°C to +125°C)
IEC 61508 Capable:	Yes	

Other

Mounting Swivel Bracket:	Q9033
Manufacturer:	Detector Electronics Corporation
Warranty:	5 yrs

Note 1: Refer to Certified Performance Data documented within Instruction Manual.

Note 2: Detector shall be tested to 33 fires of N-heptane, methanol, and methane before being shipped for installation.

Note 3: Detector shall have patented technology using multiple frequencies to detect fire and discriminate false alarms.

Note 4: Detector shall have the ability to operate at different levels of sensitivity.

Note 5: Detector shall be third part approved as self-testing devices that do not require a test lamp for operational testing of window cleanliness or alarm operation.

Note 6: NOTE: Items are subject to change. Refer to documents 90-1218, 95-8720 and 95-8704 for current specifications.

PROMEL

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