ECO1000

Smoke and Thermal Detectors





FEATURES

Photo-thermal model

Laser-based remote test unit

EN 54 Certified (2000 edition)

Photoelectric, photo-thermal and thermal detectors

Improved chamber design

Compatible with fire and security systems

-20 to +60°C operating temperature range

Choice of bases (including a 12V relay version)

Photoelectric model with integral piezoelectric sounder (availability subject to further announcement)



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SPECIFICATIONS

Dimensions:	42mm (optical) or 50mm (thermal) ø 102mm	
Operating Voltage:	8 – 30VDC (nominal 12 or 24VDC)	
ECO Bases:	ECO1000B ECO1000BSD	Standard base Standard base with Schottky diode
Accessories	ECO1000RTU	Remote test unit
Part Numbers:	Optical + base Optical Optical thermal + base Optical thermal Standard base Diode base Thermal + base Thermal	ECO 1003 + Base ECO 1003 ECO 1002 + Base ECO 1002 ECO 1000B ECO 1000BSD ECO 1005 + Base ECO 1005
ECO1002 COMBINED PHOTO THERMAL		
Typical Standby Current:	240μΑ	
Maximum Alarm Current:	50mA (limited by control panel)	
Maximum Humidity:	95% RH	
Operating Temperature:	-20 to +60°C	
Weight:	75g	
Approvals:	Meets EN54-7:2000; EN54-5:2000 Class A1R; CEA4021	
ECO1003 PHOTO-ELECTRIC DETECTOR		
Typical Standby Current:	110μΑ	
Maximum Alarm Current:	50mA (limited by control panel)	
Maximum Humidity:	95% RH	
Operating Temperature:	-20 to +60°C	
Weight:	75g	
Approvals:	Meets EN54-7:2000	
ECO1005 RATE OF RISE THERMAL DETECTOR		
Typical Standby Current:	125μΑ	
Maximum Alarm Current:	50mA (limited by control panel)	
Maximum Humidity:	95% RH	
	-20 to +60°C	
Operating Temperature:		
Operating Temperature: Weight:	70g	

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