

40/40 Series Specifications

	40/40D-I	40/40D-M	40/40D-LB	40/40D-L4B
Detection Range	300ft (90m)		93ft (28m)	
Coverage area - square meters	6336	5426	641	641
Coverage area - cubic meters	446357	321832	13356	13356
Standard Response Time	Typically <2 sec at 131ft (40m)		Typically 5 sec at 93ft (28m)	
Ultra Fast Response Time	Typically <1 sec at 100ft (30m)		20 msec for flash fire pan fire from 10ft (3m) distance via analog voltage output	20 msec for flash fire pan fire from 3m distance
High Speed Response Time (explosion)	50 msec for 1ft diameter sphere LPG-air mixture explosion at 66ft (20m) via analog voltage output		50 msec for 1ft diameter sphere LPG-air mixture explosion at 32.8ft (10m) via analog voltage output	
No. of Sensitivities Options	6		3	
Field of View	Horizontal 100°; Vertical 95°	Horizontal 80°; Vertical 80° - for Gasoline Horizontal 90°; Vertical 90° - for Hydrogen	Horizontal 100°; Vertical 95°	
Built-In-Test	IR		UV & IR	
Temperature Range	-76°F to +185°F (-60°C to +85°C)			
Detects	Hydrocarbon fires	Hydrogen and hydrocarbon fires	Hydrocarbon-based fuel and gas, hydroxyl, hydrogen, metal, inorganic, etc.	Hydrocarbon-based fuel and gas fires

	40/40C-I	40/40C-M	40/40C-LB	40/40C-L4B
	215ft (65m)		50ft (15m)	93ft (28m)
	3456	2837	186	613
	167126	108872	2067	13448
	Typically < 5 sec			
	-			
	-			
	5		2	3
	Horizontal 100°; Vertical 95°	Horizontal 80°; Vertical 80° - for Gasoline Horizontal 90°; Vertical 90° - for Hydrogen	Horizontal 100°; Vertical 95°	
	IR		UV & IR	
	-40°F to +167°F (-40°C to +75°C)			
	Hydrocarbon fires	Hydrogen and hydrocarbon fires	Hydrocarbon-based fuel and gas, hydroxyl, hydrogen, metal, inorganic, etc.	Hydrocarbon-based fuel and gas fires

HAZARDOUS AREA EX



RELIABILITY

SIL3

PERFORMANCE

EN54-10 FM3620



Accessories



Flame Simulator



Air Shield



Duct Mount



USB RS485 Harness Kit



Weather Protector



Tilt Mount



U-Bolt / Pole Mount



Cone Viewer