## 40/40 Series Specifications

	40/40D-I	40/40D-M	40/40D-LB	40/40D-L4B
<b>Detection Range</b>	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

**HAZARDOUS AREA EX** 

RELIABILITY

PERFORMANCE EN54-10 FM3620











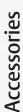








40/40C-I	40/40C-M	40/40C-LB	40/40C-L4B	
215ft (65m)		50ft (15m)	93ft (28m)	
3456	2837	186	613	
167126	108872	2067	13448	
	Typical	y < 5 sec	4/8//	
	N X-A			
5		2	3	
Horizontal 100º; Vertical 95º	Horizontal 80º; Vertical 80º - for Gasoline Horizontal 90º; Vertical 90º - for Hydrogen	Horizontal 100°; Vertical 95°		
IR		UV & IR		
		o +167ºF :o +75ºC)	77 /	
Hydrocarbon fires	Hydrogen and hydrocarbon fires	Hydrocarbon-based fuel and gas, hydroxyl, hydrogen, metal, inorganic, etc.	Hydrocarbon-based fu and gas fires	







Weather Protector



Air Shield



**Duct Mount** 







U-Bolt / Pole Mount



Cone Viewer

