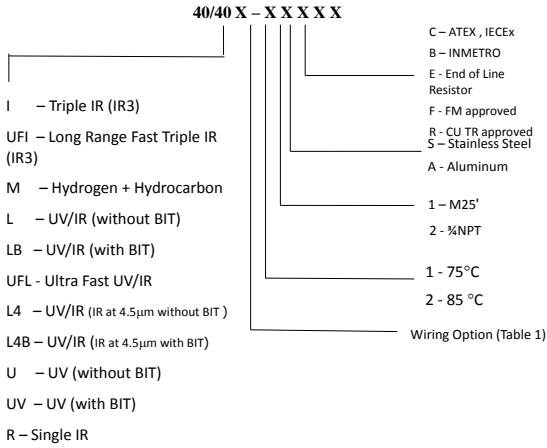## 40/40 series model No. Definition

Important : The detectors have various internal configuration settings. Factory defaults will be supplied unless advised at time of order - **please see Configuration Form for 'defaults' or to advise any desired changes**
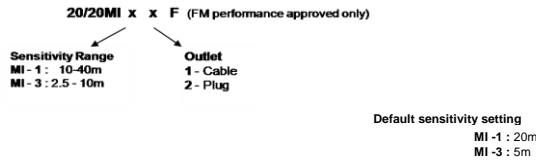
40/40 X – X X X X X

I – Triple IR (IR3)

UFI – Long Range Fast Triple IR (IR3)

M – Hydrogen + Hydrocarbon

L – UV/IR (without BIT)

LB – UV/IR (with BIT)

UFL - Ultra Fast UV/IR

L4 – UV/IR (IR at 4.5µm without BIT)

L4B – UV/IR (IR at 4.5µm with BIT)

U – UV (without BIT)

UV – UV (with BIT)

R – Single IR

C – ATEX , IECEx
B – INMETRO
E - End of Line Resistor
F - FM approved
R - CU TR approved
S – Stainless Steel
A - Aluminum

1 – M25'
2 - ¾NPT

1 - 75°C
2 - 85 °C

Wiring Option (Table 1)

MODELS	option without BIT	With BIT	BIT = Built-in-test
IR3	-	I & UFI	
Multi IR	-	M	
Single IR	-	R	
UV/IR	L	LB	IR at 2.5 - 3µm
UV/IR	L4	L4B	IR at 4.5µm
UV	U	UB	
UV/IR Fast respons		UFL	IR at 2.5 - 3µm

Table 1 – Wiring Options

Option	4-20mA	HART	Fault	Auxiliary	Alarm
1 (Default)	Sink	✔	N.C.	X	N.O.
2	Source	✔	N.C.	X	N.O. / N.C.
3	Source	✔	N.O.	X	N.O. / N.C.
4	X	X	N.C.	N.O.	N.O.
5	X	X	N.O.	N.O.	N.O.

RS-485 available on all options   *** Relays shown in non-alarm state**

20/20 MI - items 2a) or 2b) part no. definition

20/20MI x x F (FM performance approved only)

Sensitivity Range
MI - 1 : 10-40m
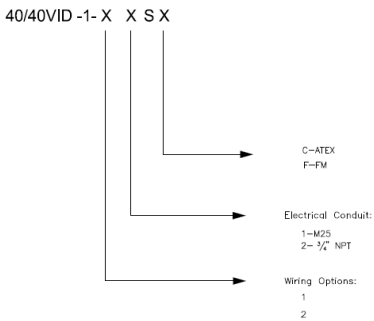MI - 3 : 2.5 - 10m

Outlet
1 - Cable
2 - Plug

Important : Some of the 'M' detectors have various configuration settings. Factory defaults will be supplied unless advised at time of order - please see separate detector specific configuration sheet to note defaults or advise changes

Default sensitivity setting
MI -1 : 20m
MI -3 : 5m

20/20ML - item 1 part no. Definition

20/20ML - 11SF with cable tail
20/20ML - 12SF with plug connection

40/40 VID series model No. Definition

Part Number Definition

40/40VID -1- X X S X

C—ATEX
F—FM

Electrical Conduit:
1—M25
2— ¾" NPT

Wiring Options:
1
2

Wiring Option	Connections Provided									
Terminal/Wiring Option	1+2	3	4	5+6	7	8+9	10	11	12+13	14+15
1	Power	Manual BIT	Fault Relay N.O	Fault Relay N.C.	Alarm Relay N.C.	Alarm Relay N.O.	0-20mA input	0-20mA output Sink	Analog Video	RS-485
2	Power	Manual BIT	ACC COM	Fault Relay N.C.	Alarm Relay N.C.	Alarm Relay N.O.	ACC N.O	0-20mA output Source	Analog Video	RS-485