

60-2862 Junction Box for 105F1-1 Paragon Flame Scanner

Description

Fireeye offers the 59-535C and 59-536C cables pre-wired with the female quick disconnects for use with the Paragon flame scanners. The 59-535C cable is a twelve (12) conductor cable and the 59-536C is an eight (8) conductor cable. To assist in wiring termination, Fireeye offers a 60-2862 termination box. .

See bulletin CU-108 for detailed scanner wiring connections.

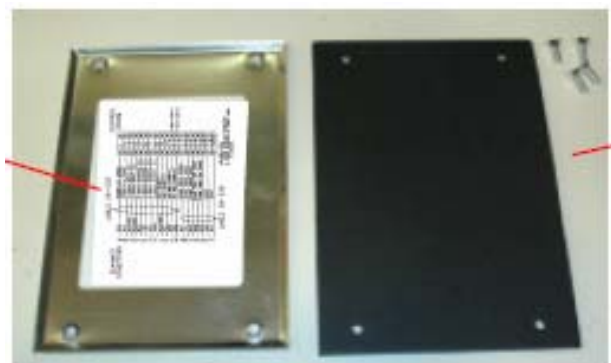
Using 60-2862 to Junction Box

The 60-2862 is a conduit box with a 1 to 20 connector terminal strip. See picture 1 below:

PICTURE 1



PICTURE 2



A wiring diagram is included on the rear of the termination box cover and is also shown in picture 2.



Wiring connections for the 60-2862 junction box

59-535

Cable Colors		Terminal Box
RED	POWER (+) 24VDC	1
BLACK	POWER (-) 24VDC	2
RED/YELLOW	4-20ma INPUT (+)	3
RED/BLACK	4-20ma INPUT (-)	4
BLUE	4-20ma OUTPUT2 (+)	5
TAN	4-20ma OUTPUT2 (-)	6
VIOLET	4-20ma OUTPUT1 (+)	7
GRAY	4-20ma OUTPUT1 (-)	8
RED/GREEN	FILE SELECT 1	9
YELLOW	FILE SELECT 2	10
BROWN	RS-485 COMM A	11
ORANGE	RS-485 COMM B	12
BLACK	FLAME RELAY (COM)	14
YELLOW	FLAME RELAY (N.O)	15
RED	FLAME RELAY (N.C)	16
BROWN	FLAME TEMP SET POINT	17
WHITE	FLAME TEMP SET POINT	18
ORANGE	FAULT	19
BLUE	FAULT	20

Future Use

Flame Temperature

Flame Signal

59-536

59-535 Large Diameter Cable, terminals 1-12
 59-536 Small Diameter Cable, terminals 14-20

ORDERING INFORMATION

60-2862	Paragon termination/junction box for local cable termination
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