



59-5356C-xx-TB Wiring Harness for 105F1-1 Paragon Flame Scanner

Description

Fireye 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. Fireye offer a wiring harness complete with pre-wired cables and connectors, flexible conduit and a 60-2862 terminal box.

See bulletin CU-108 for detailed scanner wiring connections.

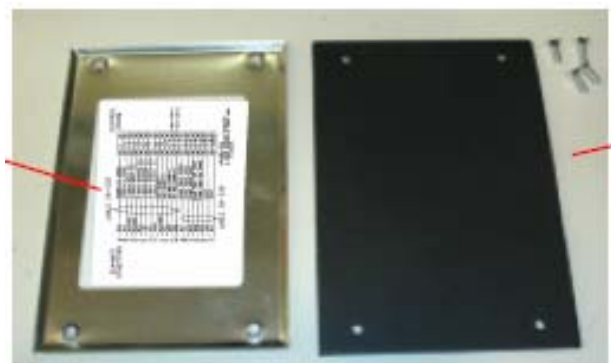
Using Wiring Harness

To provide an easy method to wire the Paragon Scanners, Fireye offers a wiring harness in five different lengths (10', 20', 35', 40' and 50'). The harness has two pre-wired female quick disconnects to plug into the male quick disconnects on the Paragon scanner. The other end of the wiring harness has 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.



Pre-Wired connections for the 59-5356C-xx-TB

59-535

59-536

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

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

ORDERING INFORMATION

The wiring harness if available is 5 lengths 10, 20, 30, 40 and 50 feet see table below for part numbers.

59-5356-10TB	Paragon cable gland scanner with 10 feet of cable and 60-2862 termination/junction box
59-5356-20TB	Paragon cable gland scanner with 20 feet of cable and 60-2862 termination/junction box
59-5356-30TB	Paragon cable gland scanner with 30 feet of cable and 60-2862 termination/junction box
59-5356-40TB	Paragon cable gland scanner with 40 feet of cable and 60-2862 termination/junction box
59-5356-50TB	Paragon cable gland scanner with 50 feet of cable and 60-2862 termination/junction box
60-2862	Paragon termination/junction box for local cable termination



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