





59-4647-10TB

Conversion Box for InSight I to InSight II Scanners

Description

Fireye offers the 59-4647-10TB conversion box to be used for upgrading an InSight I scanner to the InSight II with minimal interruption. The 59-4647-10TB scanner is pre-wired with the 59-546 and 59-547 cables with female quick disconnects for use with the InSight II flame scanner. Also included is a 12 pin male connector for connecting the 59-497 cable from the InSight I scanner. The 59-547 cable is a twelve (12) conductor cable and the 59-546 is an eight (8) conductor cable.

See bulletin CU-113 for detailed scanner wiring connections.

INSIGHT II	CABLE 59-547	INSIGHT I
CONNECTIONS		CONNECTIONS
BLUE/RED STRIPE	POWER (+) 24VDC	BLACK
BLACK/ORG STRIPE	POWER (-) 24VDC	WHITE
BLUE/BLACK STRIPE	REMOTE FILE SELECT 1	BLUE
BLACK/YELLOW STRIPE	REMOTE FILE SELECT 2	VELLOW
RED/WHITE STRIPE	4-20ma OUT FR1 (+)	• 4 • VIOLET
YELLOW/BLACK STRIPE	4-20ma OUT RTN (-)	5 GREY
RED/BLACK STRIPE	4-20ma OUT FR2 (+)	• 6 • GRET
ORANGE	FAULT (COM)	● 7 ● RED
VIOLET	FAULT (NO)	• 8 • GREEN
BROWN/ ORANGE STRIPE	RS-485 COMM A	• 10 • PROWN
ORANGE/BLACK STRIPE	RS-485 COMM B	ORANGE
BLACK	FR1 FLAME RELAY (COM)	• 12 • WHITE/BLACK
RED	FR1 FLAME RELAY (NO)	• 14 • WHITE/BED
TAN	FR1 FLAME RELAY (NC)	15 0
BROWN	FR2 FLAME RELAY (COM)	• 16 •
BLUE	FR2 FLAME RELAY (NC)	
YELLOW	FR2 FLAME RELAY (NO)	.0
CABLE	59-546	• 19 • Canners Fireye



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