

Fireye C9000 Series Flame Scanners

Fireye offers a number of C9000 Series Flame Scanners for use with the R9000 Series Flame Amplifiers. Each scanner incorporates a flame detector (ultraviolet and/or infrared detector) with sensitivity adjustment, and a mechanical light blocking chopper assembly (except model C9506). Most flame scanners are available with either a military style connector or lead wires. Flame scanners with lead wires provide 1/2" NPSM tap for electrical fitting unless otherwise noted. The description of each part number lists the replacement components associated with each scanner.



C9502N

PART NUMBER	DESCRIPTION	FOR USE WITH
C9501N5023	Ultraviolet scanner, 1" NPT mount, 50' lead wires. Consists of DE601-106 and DE601-104F	R9005P, R9105P
C9501N5034	Ultraviolet scanner, 1" NPT mount, military connector. Consists of DE601-106 and DE601-104D.	R9005P, R9105P
C9502N5012	Infrared scanner, 1" NPT mount, 50' lead wires. Consists of DE601-108A and DE601-104F.	R9005P, R9105P
C9502N5023	Infrared scanner, 1" NPT mount, military connector. Consists of DE601-108A and DE601-104D	R9005P, R9105P
C9502Q6001	Luminescent Scanner, 1"NPT mount, 50' lead wires. Consists of DE601-114 and DE601-104F.	R9005P, R9105P
C9502Q6012	Luminescent scanner, 1" NPT mount, military connector. Consists of DE601-114 and DE601-104D.	R9005P, R9105P
C9506M1085	Ultraviolet, non self-check pipe style scanner, 1" NPT mount, 8' lead wires with 1.25" threaded connector.	R9006M
C9506M1096	Ultraviolet, non-self-check pipe-style scanner, 1" NPT mount, 50' lead wires with 1.25" threaded connector.	R9006M
C9507N4001	All fuel scanner IR/UV, 1" NPT mount, 50' lead wires. Consists of DE601-113 and DE601-104F.	R9005P, R9105P
C9507N4012	All fuel scanner IR/UV, 1" NPT mount, military connector. Consists of DE601-113 and DE601-104D.	R9005P, R9105P
C9508M2000	Ultraviolet pipe-style scanner, 1" NPT mount, military style connector.	R9008M, R9108M
C9508M2011	Ultraviolet pipe-style scanner, 1" NPT mount. 10' lead wires with 3/4" threaded connector.	R9008M, R9108M
C9508M2022	Ultraviolet pipe-style scanner, 1" NPT mount. 10' lead wires with 25mm threaded connector.	R9008M, R9108M
C9701A1012	Ultraviolet scanner, 1" NPT mount, military connector. Consists of DE701-107A and DE601-104G.	R9107A, 25SU3-2100
C9701A1023	Conformally coated. UV scanner, 1" NPT mount, military connector. Consists of DE701-107C and DE601-104G.	R9107A, 25SU3-2100
C9707A1012	All fuel scanner UV/IR, 1" NPT mount, military connector. Consists of DE701-007A and DE601-104G.	R9107A, 25SU3-2100
C9707A1023	Conformally coated. All fuel scanner UV/IR, 1" NPT mount, military connector. Consists of DE701-007C and DE601-104G.	R9107A, 25SU3-2100

Accessories for Fireye C9000 Series Flame Scanners

PART NUMBER	DESCRIPTION
DE601-104D	Scanner base with 3/4" purge opening and military connector for C9501N5034, C9502N5023, C9502Q6012, C9507N4012, C9509P1001.
DE601-104F	Scanner base with 3/4" purge opening and 50 foot wire leads for C9501N5023, C9502N5012, C9502Q6001, C9507N4001.
DE601-104G	Scanner base with 3/4" purge opening and military connector for all C9701 and C9707 scanners.
DE601-106	Scanner electronic assembly for C9501N series.
DE601-106C	Scanner electronic assembly for C9501N series - conformally coated.
DE601-108A	Scanner electronic assembly for C9502N series.
DE601-108AC	Scanner electronic assembly for C9502N series - conformally coated.
DE601-113	Scanner electronic assembly for C9507N series.
DE601-113C	Scanner electronic assembly for C9507N series - conformally coated.
DE601-114	Scanner electronic assembly for C9502Q series.
DE701-007A	Scanner electronic assembly for C9707A series.
DE701-007C	Scanner electronic assembly for C9707A series - conformally coated.
DE701-107A	Scanner electronic assembly for C9701A series.
DE701-107C	Scanner electronic assembly for C9701A series - conformally coated.
DE601-08	Connector replacement for 8' lead wire base (DE601-104E).
DE601-006	Connector kit for use with 500287-001 cable (with cable clamp style fitting).
DE601-006B	Connector kit for use with 500287-001 cable (with flexible conduit adapter).
DE4360-XXX	Pre-wired cable/connector clamp assembly with Hypalon cable (500287-001) in specified lengths. Last 3 digits of part number specify length in 20 foot increments up to 200 feet.
DE4599-XXX	Pre-wired cable/connector clamp assembly, with conduit adapter and Hypalon cable (500287-001) in specified lengths. Last 3 digits of part number specify length in 20 foot increments up to 200 feet.
DE4606-001	Orifice kit for C9501, C9502, and C9507 scanners. Consists of three orifices (0.125, 0.187, 0.250) and one retaining ring.
DE5213-001	Shutter tube assembly for C9508M.
Q2625A1303	Swivel mount assembly with flange mount.
Q2625A1314	Swivel mount assembly with 2" NPT mount.
000710-023	Test cable for use with C9501, C9502, C9507, C9701, and C9707 scanners.
500287-001	16 AWG 600 volt five conductor Hypalon cable (Used in DE4360, DE4599).