



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Model 93a Connection Head (Empty)

XP/II/1/A/Ta=-20°C to 100°C; Type 4X, IP66
XP/II/1/BCD/Ta=-40°C to 100°C; Type 4X, IP66
DIP/ II, III/1/EFG/Ta= -40°C to 100°C; Type 4X, IP66
I/1/AEx d IIC/Ta=-20°C to 100°C; Type 4X, IP66
21/AEx tb IIIC/Ta=-20°C to 100°C; Type 4X, IP66
a = Process Connection - C or D

Model 94a Connection Head (Empty)

XP/II/1/ABCD/Ta=-40°C to 100°C; Type 4X, IP66
DIP/ II, III/1/ EFG/Ta= -40°C to 100°C; Type 4X, IP66
I/1/AEx d IIC /Ta=-40°C to 100°C; Type 4X, IP66
21/AEx tb IIIC/Ta=-40°C to 100°C; Type 4X, IP66
a = Process Connection - C or D

Equipment Ratings:

Model 93 as Explosionproof for Class I, Division 1, Groups B, C, and D; and Dust-ignitionproof for Class II, III, Division 1, Groups E, F, and G hazardous (classified) locations, with an indoor/ outdoor Type 4X and IP66 environmental rating. The equipment ambient temperature rating is -40°C to 100°C.

Model 93 as Explosionproof for Class I, Division 1, Group A; Flameproof for Class I, Zone 1, Group IIC Gb; and Protection by Enclosure for Zone 21, Group IIIC Db hazardous (classified) locations, with an indoor/ outdoor Type 4X and IP66 environmental rating. The equipment ambient temperature rating is -20°C to 100°C.

Model 94 as Explosionproof for Class I, Division 1, Groups A, B, C, and D; Dust-ignitionproof for Class II, III, Division 1, Groups E, F, and G; Flameproof for Class I, Zone 1, Group IIC Gb; and Protection by Enclosure for Zone 21, Group IIIC Db hazardous (classified) locations, with an indoor/ outdoor Type 4X and IP66 environmental rating. The equipment ambient temperature rating is -40°C to 100°C.



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FM Approved for:

Pyromation Inc
Fort Wayne, IN United States

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3615	2006
Class 3616	2011
Class 3810	2005
ANSI/NEMA 250	2008
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-1	2009
ANSI/ISA 60079-31	2009
ANSI/IEC 60529	2004

Original Project ID: 3049961

Approval Granted: March 25, 2014

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3052969	November 10, 2014		

FM Approvals LLC

J.E. Marquedant
Manager of Electrical Systems

10 November 2014

Date