

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

F809F. Fieldbus Diagnostic Module.

NI / I / 2 / ABCD / T4 Ta = -40°C to 70°C;

I / 2 / AEx nA / IIC / T4 Ta = -40°C to 70°C

Specific Conditions of Use:

- 1) In Class I, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70).
- 2) In Class I, Zone 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Zone 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70) and having a minimum ingress protection rating of IP54.
- 3) The installer shall ensure that the insulation of field wiring is rated for the temperatures present within the cabinet/enclosure in which the equipment is installed.

F809F-Plus. Fieldbus Diagnostic Module.

NI / I / 2 / ABCD / T4 Ta = -40°C to 70°C;

I / 2 / AEx nA / IIC / T4 Ta = -40°C to 70°C

Specific Conditions of Use:

- 1) In Class I, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70).
- 2) In Class I, Zone 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Zone 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70) and having a minimum ingress protection rating of IP54.
- 3) The installer shall ensure that the insulation of field wiring is rated for the temperatures present within the cabinet/enclosure in which the equipment is installed.

Equipment Ratings:

Class I, Division 2, Groups A, B, C, and D, temperature code T4 at 70°C;
AEx nA IIC, T4, Ta = -40°C to 70°C for hazardous (classified) locations.

FM Approved for:

Measurement Technology Limited
Butterfield, Luton, Bedfordshire, United Kingdom

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

Class 3611	2004
Class 3600	2011
Class 3810	2005
ANSI/ISA - 60079-0	2009
ANSI/ISA - 60079-15	2009

Original Project ID: 3037426

Approval Granted: June 25, 2010

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3047593	July 24, 2013		

FM Approvals LLC



J.E. Marquedant
Group Manager, Electrical

24 July 2013

Date