



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

ACT20M System Isolators and Converters

NI / I / 2 / ABCD / T4 Ta= -25°C to +70°C

I / 2 / Ex / nA / IIC / T4 Ta= -25°C to +70°C

Model	Description
1175980000 ACT20M-CI-CO-S	Isolated Repeater
1176000000 ACT20M-AI-AO-S	Isolated Converter
1175990000 ACT20M-CI-2CO-S	Isolated Repeater / Splitter
1176020000 ACT20M-AI-2AO-S	Isolated Converter / Splitter
1176030000 ACT20M-UI-AO-S	Isolated Universal / Converter
1176040000 ACT20M-CI-CO-OLP-S	2-Wire Transmitter Isolator, 1 Channel
1176050000 ACT20M-2CI-2CO-OLP-S	2-Wire Transmitter Isolator, 2 Channel
1176070000 ACT20M-CI-CO-ILP-S	Loop Powered Isolator, 1 Channel
1176080000 ACT20M-2CI-2CO-ILP-S	Loop Powered Isolator, 2 Channel
1282490000 ACT20-FEED-IN-BASIC-S	Power Connector Unit
1375450000 ACT20M-BAI-AO-S	Isolated Converter
1375470000 ACT20M-BAI-2AO-S	Isolated Converter / Splitter
1375480000 ACT20M-TCI-AO-S	Temperature Converter/Isolated TC SUP
1375500000 ACT20M-TCI-AO-E-S	Temperature Converter/non-Isolated TC SUP
1375510000 ACT20M-RTI-AO-S	Temperature Converter/Isolated Pt100 SUP
1375520000 ACT20M-RTI-AO-E-S	Temperature Converter/non-Isolated Pt100 SUP
1435590000 ACT20M-RTCI-CO-OLP-S	Temperature Converter/Isolated TEMP-LOOP
1435610000 ACT20M-RTI-CO-EOLP-S	Temp. Converter/non-Isolated Pt100 LOOP

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 Canadian Electrical Code (C22.1).

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 Canadian Electrical Code (C22.1). The equipment shall be installed in an enclosure with a minimum ingress protection rating of IP54 unless the apparatus is intended to be afforded an equivalent degree of protection by location.

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C & D, and Nonsparking for use in Class I, Zone 2, Group IIC, Hazardous (Classified) Locations.

FM Approved for:

Weidmüller Interface GmbH
Detmold, Germany

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

CAN/CSA-C22.2 No. 213-M87	1987 (2004)
CAN/CSA-C22.2-E600790-0	2007
CAN/CSA-C22.2-E600790-15	2002
CAN/CSA-C22.2 No. 61010.1-04	2004

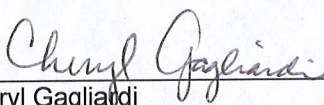
Original Project ID: 3041044C

Approval Granted: February 14, 2011

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3043139	June 30, 2011		
3043134	July 11, 2011		
3046742	July 30, 2012		
3048696	April 29, 2013		

FM Approvals LLC


Cheryl Gagliardi
Technical Team Manager

April 29, 2013
Date