



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx ETL 25.0022** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-10-30

Applicant: **Akron Brass Company**
343 Venture Blvd
Wooster, OH
44691
USA
United States of America

Equipment: **Monitor Interface Control Panel (MICP), Style 3688**

Optional accessory:

Type of Protection: **Increased Safety "e", Dust Ignition "t", intrinsic safety "ic", type of protection n "nC".**

Marking: Ex ic ec nC IIB+H2 T5 Gc
Ex tc IIIC T5 Dc
IECEx ETL 25.0022

Approved for issue on behalf of the IECEx
Certification Body:

Todd L. Relyea

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America

intertek



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Date of issue: 2025-10-30

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Manufacturer: **Akron Brass Company**
343 Venture Blvd
Wooster, OH
44691
USA
United States of America

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

[IEC 60079-15:2017](#) Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/ETL/ExTR25.0022/00](#)

Quality Assessment Report:

[GB/ITS/QAR13.0004/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The product covered by this report is an industrial, permanently installed, fire monitor control panel intended for use in hazardous locations.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[Annex to IECEx C of C IECEx ETL 25.0022.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEx ETL 25.0022	Issue No. 0
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
MICP Installation, Operation, & Maintenance Manual	3688 Manual	3	10/21/25
Monitor Interface Control Panel Assembly Overview	D91436	3	10/16/25
Monitor Interface Control Panel Schematic	D91437	2	10/16/25
Monitor Interface Control Panel Assembly	D91440	3	10/16/25
Monitor Interface Control Panel Schematic	D91441	2	10/16/25
MICP LABEL, ZONE 2; CONQUEST G2; 3688	C49799	0	1/25

IECEx Certified Components on Which Conformance Depends					
Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
1	Control Panel Enclosure	Adalet	TN4X6-242408B TN4X6-302408B	IECEx UL 10.0031U IEC 60079-0: 2017 IEC 60079-31: 2013 IEC 60079-7: 2017	Ex eb IIC Gb Ex tb IIIC Db IP66
2	Push Buttons	Allen Bradley	800G series	IECEx CML 17.0047U IEC 60079-0: 2017 IEC 60079-1: 2014-06 IEC 60079-7: 2017	Ex db eb IIC Gb
		Bartec	07-336 series	IECEx CML 22.0014U IEC 60079-0: 2017 IEC 60079-1: 2014-06 IEC 60079-11: 2011 IEC 60079-7: 2017	Ex db eb I Mb Ex db eb IIC Gb
3	Pilot Lamps	Allen Bradley	800G series	IECEx CML 17.0048U IEC 60079-0: 2017 IEC 60079-1: 2014-06 IEC 60079-7: 2017	Ex db eb IIC Gb

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Intertek Testing Services NA, Inc.
3933 Route 11
Cortland, NY 13045, USA

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(16 January 2025)



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IECEx Certified Components on Which Conformance Depends					
Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
		Bartec	07-335 series	IECEx CML 22.0014U IEC 60079-0: 2017 IEC 60079-1: 2014-06 IEC 60079-11: 2011 IEC 60079-7: 2017	Ex db eb I Mb Ex db eb IIC Gb
4	Operators	Allen Bradley	800G series	IECEx CML 14.0014U IEC 60079-0: 2017 IEC 60079-31: 2013 IEC 60079-7: 2017	Ex eb IIC Gb Ex tb IIIC Db
		Bartec	07-332 series	IECEx CML 22.0014U IEC 60079-0: 2017 IEC 60079-1: 2014-06 IEC 60079-11: 2011 IEC 60079-7: 2017	Ex db eb I Mb Ex db eb IIC Gb
5	DC Power Supply	Phoenix Contact	QUINT-PS/1AC/24DC/20	IECEx SIQ 18.0005X IEC 60079-0: 2017 IEC 60079-11: 2011 IEC 60079-15: 2017 IEC 60079-7: 2017	Ex ec ic nC IIC T4 Gc
6	Terminal Block	Phoenix Contact	Type PT 4	IECEx PTB 10.0046U IEC 60079-0: 2017 IEC 60079-7: 2017	Ex eb IIC Gb

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Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
7	Electro-mechanical Relays	Phoenix Contact	2909528	IECEx IBE 16.0029X IEC 60079-0: 2017 IEC 60079-15: 2017 IEC 60079-7: 2017	Ex ec nC IIC T4 Gc
8	Media Converter	Allen Bradley	1783-ETAP1F	IECEx UL 14.0092X IEC 60079-0: 2017 IEC 60079-7: 2017	Ex ec IIC T4 Gc
		Allen Bradley	1783-ETAP2F	IECEx UL 14.0092X IEC 60079-0: 2017 IEC 60079-7: 2017	Ex ec IIC T4 Gc
9	Cable Gland	Crouse-Hinds by EATON – COOPER CAPRI S.A.S.	Capri ADE 6FC	IECEx INE 12.0025X IEC 60079-0: 2017 IEC 60079-1: 2014 IEC 60079-15: 2010 IEC 60079-31: 2013 IEC 60079-7: 2017	Ex db IIC Ex eb IIC Ex nRc IIC Ex tb IIIC IP66

* "No applicable Technical Differences" or "Technical Differences evaluated and found satisfactory – for detail see ExTR"

Required Manufacturer Routine Testing		
Test	Title/Description of Test	Standard and Clause
1	Dielectric Test 1500V r.m.s. for 1 minute Or 1800V r.m.s. for 100 ms.	IEC 60079-7, Clause 7.1

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