



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 ULD 26.0015X	Page 1 of 3	<u>Certificate history:</u>
Status:	Current	Issue No: 0	
Date of Issue:	2026-07-15		
Applicant:	Hirschmann Automation and Control GmbH Stuttgarter Strasse 45-51 72654 Neckartenzlingen Germany		
Equipment:	Security Router and Firewall, Models EAGLE40-07 (variant configurable – see nomenclature), OpEdge-8D (permanently defined).		
Optional accessory:			
Type of Protection:	Increased Safety "ec", Sealed Device "nC"		
Marking:	Ex ec nC IIC T4 Gc -40°C to + 70°C		

Approved for issue on behalf of the IECEx
Certification Body:

Andrew Moffat

Position:

Senior Project Engineer

Signature:
(for printed version)

Date:
(for printed version)

2026-07-15

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Date of issue: 2026-07-15

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Manufacturer: **Hirschmann Automation and Control GmbH**
Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany

Manufacturing locations: **Hirschmann Automation and Control GmbH**
Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany

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 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

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:

DK/ULD/ExTR26.0015/00

Quality Assessment Report:

NL/DEK/QAR14.0021/07



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The EAGLE40-07 and OpEdge-8D are open type industrial-grade fanless box PC's featuring a dual-core processor and DDR3L, DIN Rail/Wall mount options and LAN configurations. The equipment has 5 RJ45 ports and 2 SFP ports.

Model: OpEdge-8D is a defined construction. The hardware of OpEdge-8D is identical to that of model EAGLE40-07.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
- The equipment shall be installed in an enclosure that provides a minimum ingress protection of IP 54 in accordance with IEC 60079-0.
- When end users provide optical SFP transceivers, these must be limited to Laser Class 1.

Annex:

[Annex to IECEx ULD 26.0015X Issue 0.pdf](#)



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TYPE DESIGNATION

Models: EAGLE40-07 and OpEdge-8D.

Nomenclature (relevant to model EAGLE40-07 only):

Note: Nomenclature parts 7, 8, 9, 10, 11, 12 are not relevant to Ex certification

1	2	3	4	5	6	7	8	9	10	11	12
EAGLE40	- 07	206	T	CC	X	9	HS	R	A	NF	XX.X.XX

1	Design/Model	EAGLE40	=	SECURITY ROUTER AND FIREWALL
2	Gigabit Ethernet Ports	07	=	7 x 1000Mbit/s
3	Type Uplink Ports	206	=	2x SFP, 5x Twisted Pair RJ45
4	Temperature Range	T	=	-40°C to +70°C
		E	=	-40°C to +70°C with Conformal Coating
5	Voltage Range	CC	=	2 x 24-48 V DC
6	Approval Part 1	X	=	cULus Class I Division 2 + ATEX Zone 2 + IECEx Zone 2
		various	=	Not relevant to certification
7	Approval Part 2	9	=	No additional approval
		Y	=	Not relevant to certification
8	OEM Type	HS	=	Hirschmann Standard
9	Configuration	R	=	Router Mode
		S	=	Stealth Mode (Tofino)
		T	=	Transparent Mode
10	Intrusion Detection System (IDS)	A	=	Sensor
		B	=	Server
11	Security Modes	NF	=	No additional modules, firewall only
		IN	=	Industrial Automation Protection Suite (Ethernet/IP + Modbus + OPC Enforcer)
		SU	=	Substation Protection Mode (DNP3 + GOOSE + Modbus Enforcer)
		UN	=	Unified Protection Suite (All Enforcers)
12	Software Version	XX.X.XX	=	Current Software Release
		03.5.00	=	Software Release 3.5



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PARAMETERS RELATING TO THE SAFETY

Rating:

Input: 24...48 Vdc, 1.0 A...0.5 A (optional)

Relay output: 0.5A/48Vdc or 0.5A/24Vac, Resistance.

Rated ambient temperature range (°C): -40°C to +70°C

MARKING

Marking has to be readable and indelible; it has to include the following indications:

HIRSCHMANN
EAGLE40
Security Router and Firewall

U_{in} : xx-xxV== CLASS 2 I_{in} : xx-x,xxA

INFORMATION TECHNOLOGY EQUIPMENT
FOR USE IN HAZARDOUS LOCATIONS
E68444
CLASS I, DIV. 2
GROUPS A, B, C AND D
TEMPERATURE CODE T4
Ta: x°C ... xx°C

WARNING - EXPLOSION HAZARD
DO NOT DISCONNECT EQUIPMENT
UNLESS POWER HAS BEEN
SWITCHED OFF OR THE AREA IS
KNOWN TO BE NON-HAZARDOUS.
AVERTISSEMENT - RISQUE D'EXPLOSION.
NE PAS DEBRANCHER TANT QUE LE
CIRCUIT EST SOUS TENSION.
A MOINS QU'IL NE S'AGISSE D'UN
EMPLACEMENT NON DANGEREUX.

WARNING - EXPLOSION HAZARD
SUBSTITUTION OF ANY COMPONENTS
MAY IMPAIR SUITABILITY FOR
CLASS I, DIVISION 2.
AVERTISSEMENT - RISQUE D'EXPLOSION -
LA SUBSTITUTION DES COMPOSANTS
PEUT RENDRE C.E. MATERIEL
INACCEPTABLE POUR LES
EMPLACEMENTS DE CLASSE I, DIVISION 2.

TO BE SUPPLIED BY A CLASS 2 POWER SUPPLY

Max. surrounding air temperature xx°C

FCC CLASS A

SIN: 999999999ZSSNNNN

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产品型号: EAGLE and EAGLE40 series
CCC证书号: 202102210304012
产地: 生产企业: Germany/Hirschmann Automation and Control GmbH

产品适用干防爆环境。
禁止带电插拔电源。
Ex ec IIC T4 Gc
Ex ec IIC T4 Gc

产品代码在 Klarschrift

DOI: W4Y7Y7Y
Made in Germany
Hirschmann Automation and Control GmbH
Bulgarstr. 45-51
72634 Neckartenzlingen



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