(1) # TYPE EXAMINATION CERTIFICATE

(Ex)

(2) Equipment and Protective Systems intended for use in
Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) Type-Examination Certificate Number

TÜV 05 ATEX 7201 X   Issue: 03

(4) Equipment: **X67 I/O-System**

(5) Manufacturer: **B&R Industrial Automation GmbH**
(6) Address: **B&R Straße 1**
                              5142 Eggelsberg, Austria

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report 557/Ex 201.03 / 05

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN IEC 60079-0: 2018   **EN 60079-15: 2010**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:

(Ex)   **II 3 G   Ex nA IIA T5 Gc**

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz   Cologne, 2021-03-08

Dipl.-Ing. Christian Mehrhoff

This Type Examination Certificate without signature and stamp shall not be valid.
This Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

TÜVRheinland®
Precisely Right.

(13)   Annex

(14)   # Type Examination Certificate
            # TÜV 05 ATEX 7201 X   Issue: 03

(15)   Description of equipment

    15.1 Equipment and type:

        X67 I/O-System

        The X67 I/O System consists of several X67 modules of type X67******.***.
        The type designation is as follows:

Asterisk	Description	Values	
1, 2	Type of signal	AI =	Analogue input module
		AM =	Analogue mix modules
		AO =	Analogue Output modules
		AT =	Temperature modules
		BC =	Bus Controller modules
		DC =	Counter modules
		DI, SC, SI =	Digital Input modules
		DM =	Digital mix modules
		DO =	Digital Output modules
		DS =	Digital output modules/ Link Master
		DV =	Digital output modules/ Valve control
		MM =	Digital output modules/ motor bridge
		SM =	Digital output modules / Stepper
		IF =	Communication modules
		UM =	Universal mix modules
		PS =	Power supply modules
3-7	Type of electronic	Combination of numerical and letters which do not influence the type of protection of the X67 I/O system	

    15.2 Description / Details of Change

        The X67 I/O System is used to control several signals and maintains the most
        common field bus systems. It consists of bus controller-, I/O-, function-, and
        system supply modules, which can be connected via M8 or M12 connectors.

        The company name was changed.

Technical Data

Rated voltage:	24 V DC
Ingress protection:	IP 67
Ambient temperature Ta (range):	0 up to +60 °C
Maximum quantity of connected modules:	250
Maximum distance between modules:	100 m

(16)   **Test-Report No.**

557/Ex 201.03/05

(17)   **Special Conditions for safe use**

17.1   The ambient temperature range Ta of the X67 I/O System is from 0 up to +60 °C.

17.2   Not used connections at the X67-Modules (socket or plug) have to be sealed by a blind plug or connectors.

17.3   The connectors of the X67-Modules have to be securely installed against mechanical impacts.

(18)   **Basic Safety and Health Requirements**

Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz   Cologne, 2021-03-05

Dipl.-Ing. Christian Mehrhoff