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 DEK 24.0051X**	Page 1 of 4	Certificate history:
Status:	**Current**	Issue No: 1	Issue 0 (2024-10-29)
Date of Issue:	2026-08-18		
Applicant:	**ExRobotics B.V.** Delftechpark 26 Delft 2628 XH **Netherlands**		
Equipment:	**Panning Module type PAN-SW-005060**		
Optional accessory:			
Type of Protection:	**Ex d**		
Marking:	Ex db IIC T4 Gb		

Approved for issue on behalf of the IECEx Certification Body: **R. Schuller**

Position: **Certification Manager**

Signature: (for printed version)

Date: (for printed version) 2026-08-18

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:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

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Manufacturer:
ExRobotics B.V.
Delftechpark 26
Delft 2628 XH
Netherlands

Manufacturing locations:
ExRobotics B.V.
Delftechpark 26
Delft 2628 XH
Netherlands

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 Edition:7.0 — Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-1:2014 Edition:7.0 — Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

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:

NL/DEK/ExTR24.0062/01

Quality Assessment Report:

DK/ULD/QAR18.0002/11

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The panning module type PAN-SW-005060 is a flameproof enclosure consisting of an aluminium bottom house, base house and bearing house. The equipment contains a smart actuator that integrates an electrical motor and motor controller, electronics and PCB that regulates voltage and processes motor command signals. The function of the panning module is to move a device or object installed to the output axle.

Ambient temperature range:
-40 °C to +55 °C (cable gland and blanking element rated for at least -40 °C to +80 °C).
-40 °C to +60 °C (cable gland and blanking element rated for at least -40 °C to +85 °C).

Electrical data

Supply voltage: 36 Vdc,
Power dissipation: max. peak power 30 W, max average power (over 2.5 min) 9.9 W.

SPECIFIC CONDITIONS OF USE: YES as shown below:
- The flameproof joints are not intended to be repaired.
- Fasteners M4x0.7 - 10 mm socket countersunk head screw, ISO 14581, 316 stainless steel are used to secure bearing lock plate. These fasteners shall only be replaced with identical ones.

IECEx Certificate of Conformity

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
1. Exclusion of the entry devices from the scope
2. Update of the documentation