

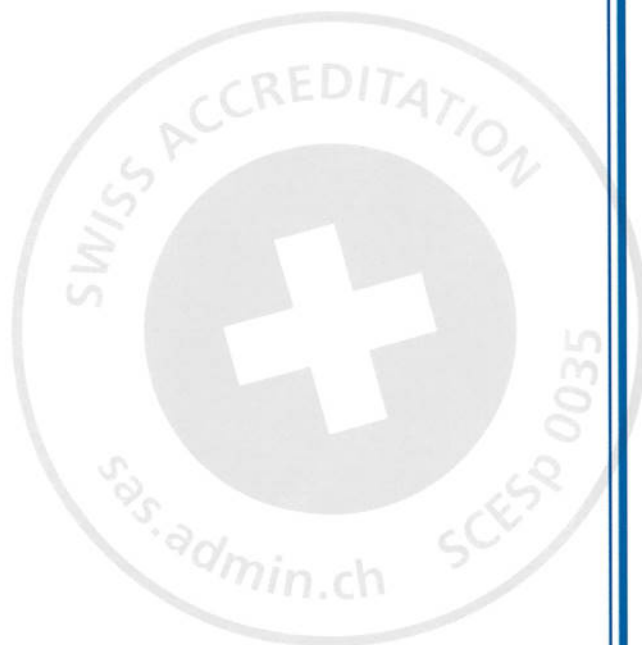


IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEx SEV 15.0018** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 Issue 1 (2018-11-15)
Date of Issue: **2020-12-03** Issue 0 (2016-01-13)
Applicant: **AGRO AG**
Korbackerweg 7
5502 Hunzenschwil
Switzerland
Equipment: **Cable glands and accessories Type Progress *** ***** EX**
Optional accessory: Thread adapters; Blanking elements; Counter nuts
Type of Protection: **eb, tb**
Marking: Ex eb IIC Gb
Ex tb IIIC Db



Approved for issue on behalf of the IECEx
Certification Body:

Martin Plüss

Position:

Manager Product Certification

Signature:
(for printed version)

Date:

2020-12-03

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:

Eurofins Electric & Electronic Product Testing AG
Luppenstrasse 3
CH-8320 FEHRALTORF
Switzerland



E&E



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Date of Issue: 2020-12-03

Issue No: 2

Manufacturer: **AGRO AG**
Korbackerweg 7
5502 Hunzenschwil
Switzerland

Additional
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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

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

TEST & ASSESSMENT REPORTS:

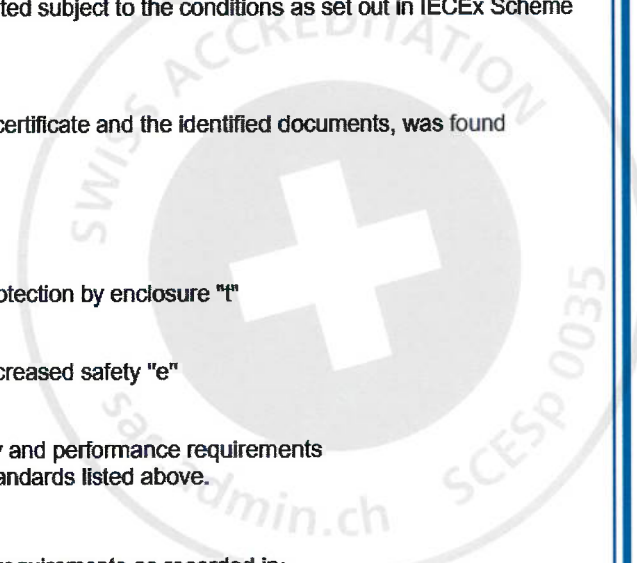
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[CH/SEV/ExTR15.0020/02](#)

Quality Assessment Report:

[CH/SEV/QAR12.0001/06](#)





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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The cable gland type Progress *** EX made of brass steel or reinforced plastics for installation of cables in equipment with type of protection increased safety "eb" and protection by enclosure "tb". Installation takes place into the enclosure with threaded holes and through holes. The cable gland consists essentially of the compression nut, intermediate support and seal insert. The strain relief takes place by the use of seal insert or by an additional strain relief device.

Accessories are reductions, extensions, blanking elements and counter nut and blanking bolts.

Type

Progress MS **** KB EX (M16...M63; Pg9...Pg48; NPT3/8"...NPT2")

Progress S2 **** KB EX (M12...M63; Pg7...Pg48; NPT1/4"...NPT2")

Progress S4 **** KB EX (M12...M63; Pg7...Pg48; NPT1/4"...NPT2")

Progress MS EMV KB EX (M16...M63; Pg9...Pg48; each long & short)

Progress S2 EMV KB Ex (M16 – M63, Pg9 – Pg48; each long & short)

Progress S4 EMV KB Ex (M16 – M63, Pg9 – Pg48; each long & short)

Thread adapters (Reductions, Extensions) MS EX (M16...M63; Pg9...Pg48)

Thread adapters (Reductions, Extensions) S2 EX (M12...M63; Pg7...Pg48)

Thread adapters (Reductions, Extensions) S4 EX (M12...M63; Pg7...Pg48)

Blanking elements MS EX; S2 EX; S4 EX (M8...M63; Pg7...Pg48)

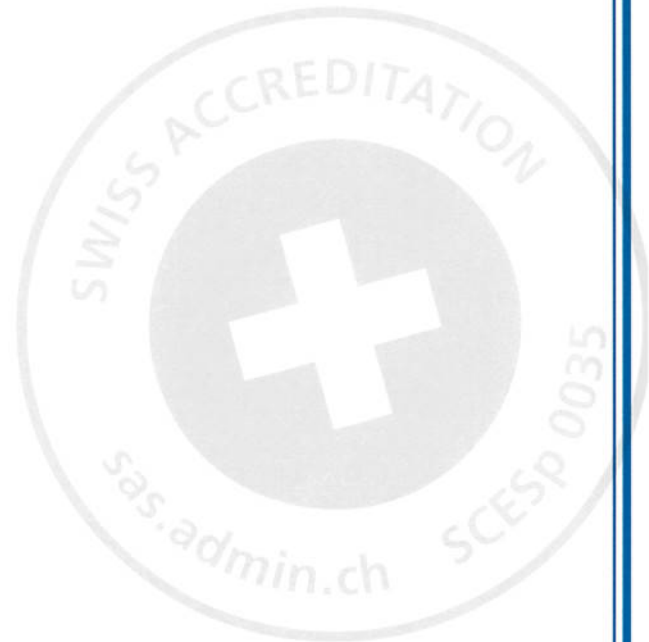
Counter nuts MS EX; S2 EX; S4 EX (M8...M63; Pg7...Pg48)

Progress MS EMV easyCONNECT KB EX
(brass Ni with clamping jaws, M16...M63; Pg9...Pg48; NPT3/8"...NPT2")

Progress S2 EMV easyCONNECT KB Ex
(stainless steel A2 with clamping jaws, M12...M63; Pg7...Pg48; NPT1/4"...NPT2")

Progress S4 EMV easyCONNECT KB Ex
(stainless steel A4 with clamping jaws, M12...M63; Pg7...Pg48; NPT1/4"...NPT2")

SPECIFIC CONDITIONS OF USE: NO





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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

There were added new types of cable glands Progress made in stainless steel

