



(1) **EU-Type Examination Certificate**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 15 ATEX 0152 X**
- (4) Product: Cable glands and accessories  
Type Progress \*\*\* \*\*\*\*\* EX (See general product information)
- (5) Manufacturer: **AGRO AG**
- (6) Address: **Korbackerweg 7, 5502 Hunzenschwil, Switzerland**
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins, notified body No. 1258, in accordance with article 17 of Directive 2014/34/EU of the European parliament and of the council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential report no 18-Ex-0130.X15
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:  
**EN 60079-0:2012+A11:2013**  
**EN 60079-31:2014**  
**EN 60079-7:2015**

Except in respect of those requirements listed at item 18 of the schedule.

- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign “U” is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (12) The marking of the product shall include the following:



**Eurofins Electric & Electronic Product Testing AG**  
**Notified Body ATEX**

Martin Plüss  
Product Certification

(13)

## Appendix

(14)

**EU-Type Examination Certificate no. SEV 15 ATEX 0152 X**

(15) **Description of product**

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.

Ratings:	---
Classification of installation and use:	stationary
Ingress protection:	IP66 / IP68
Rated ambient temperature range (°C):	See at service temperature
Rated ambient temperature range (°C) for Ex Components	-60 °C ... +100 °C for metallic types -20 °C ... +85 °C for GFK types -50 °C ... +60 °C for MS FK EX, A2 FK EX, A4 FK EX

### Type references

Type	Impact low	Sealing insert	O-ring
Progress MS **** KB EX (M12; Pg7; NPT1/4")	X	TPE, NBR or FKM,	FKM
Progress MS **** EX (M8...M12; Pg7; NPT1/8"...NPT1/4")	X		
Progress S2 **** EX (M8...M10; NPT1/8")	X		
Progress S4 **** EX (M8...M10; NPT1/8")	X		
Progress MS **** EX (M16...M63; Pg9...Pg48; NPT3/8"...NPT2")	X		
Progress S2 **** EX (M12...M63; Pg7...Pg48; NPT1/4"...NPT2")	X		
Progress S4 **** EX (M12...M63; Pg7...Pg48; NPT1/4"...NPT2")	X		
Progress GFK*** EX (M16...M63; Pg9...Pg48)	X		
Thread adapters (Reductions, Extensions) MS EX (M8...M12; Pg7)	X	---	FKM
Thread adapters (Reductions, Extensions) S2 EX (M8...M10)	X		
Thread adapters (Reductions, Extensions) S4 EX (M8...M10)	X		
Additional the following customer variants are included: EX1000.12.91.900;                      EX1100.12.91.900; EX1700.12.86.901.91;               EX1700.12.86.903.91; EX1700.17.86.900.91;               EX1710.12.86.901.91; EX1710.12.86.903.91;               EX1710.17.86.900.91		FKM	FKM
Progress MS FK EX, A2 FK EX, A4 FK EX, article number. EX130*.75.*620.140		NBR or FKM	NBR or FKM
Progress MS EMV easyCONNECT KB EX (brass Ni with clamping jaws, M12; Pg7; NPT1/4")	X	TPE, NBR or FKM	FKM



(16) **Specific conditions of use**

- Only permanently installed cable may be inserted into an enclosure. The user must provide a suitable strain relief.  
(not valid for Progress MS \*\*\*\*\* KB EX (M12; PG7; NPT1/4"))
- The types with a low impact energy must be installed on the enclosure in such way, that they are protected mechanically from impact energy according to EN 60079-0 clause 26.4.2.

(17) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

<b>Clause</b>	<b>Subject</b>
None	

(18) **Drawings and Documents**

See test report "Manufacturer's Documents"