



EU-TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : **SCA18ATEX002X/Rev.01** (for revision detail see cl. 22)
- 4) Equipment or Protective System : EXI-600AD WEIGHING INDICATOR
- 5) Manufacturer : CAS CORPORATION
- 6) Manufacturer Address : Cas Building, 440-1, Seongnae 3-dong, Gangdong-gu Seoul/KOREA
- 7) Authorised Representative : CAS ELEKTRONIK SAN. TIC. A.S.
- 8) Authorised Representative Address: Yukarı Dudullu, Bostancı Cad. Mevdudi Sok. No:26 Ümraniye İstanbul/TURKEY
- 9) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 10) SCA Belgelendirme ve Özel Egt. Hizm. Ltd. Sti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.

* The examination and test results are recorded in the confidential report **B/2020-07-105/RP.12**
- 11) Essential Health and Safety Requirements is made about reference standards.

EN IEC 60079-0:2018 , EN 60079-1:2014 , EN 60079-31:2014
- 12) If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 13) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.
- 14) Marking of the equipment or protective system must include the following :



II 2G Ex db IIB+H2 T6 Gb
II 2D Ex tb IIIC T80°C Db

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU



Date of Approval : 07.08.2020

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Sti.
Mansuroglu Mah. 284/1 Sok. No:1 İhsaniye Plaza D.17 Bayraklı İZMİR / TURKEY
Phone: 0090- 232 - 489 02 12 Fax: 0090 - 489 02 17
www.scaatex.com e-mail: info@scaatex.com

This Certificate May Only Be Reproduced In Its Entirety And Without Change



15) SCHEDULE

16) EU-Type Examination Certificate : SCA18ATEX002X/Rev.01

17) Description of Equipment and/or Protective System:

EXI-600AD weighing indicator is an explosion-proof indicator with on/off switch that is suitable for explosion-proof platform scale, weighing explosive substances, checker scale and packer scale. When this product connect to loadcell, indicator show the weight informations.

The enclosure is cast from an aluminium alloy. A transparent window made in tempered glass is sealed with epoxy encapsulant. It has capacitive touch keypad

Technical Parameters

Rated voltage : 100VAC to 240VAC , 12VDC to 24VDC
Rated power : 4,5W
Rated frequency : 50/60Hz
Ambient temperature : -20°C to +40°C

18) Test and Assessment Report B/2020-07-105/RP.12

Complied with IP 65 degree of protection.

19) Special Conditions for Safe Use :

The cable glands used for cable entries and plugs for unused holes on equipment must have to following parameters and certification:

- "Ex db" and "Ex tb" protection according to EN 60079-0, EN 60079-1, EN 60079-31
- Minimum degree of protection IP 65 according to EN 60529
- Threaded entry size shall be in accordance with technical file and technical drawings

EXI-600AD tested together with Woori Explosion Proof Electric Company's WR-FSS type on/off switch. Therefore only WR-FSS on/off switch can be used on the device.

Notes for manufacturing and operation

The manufacturer shall carry out the routine overpressure test according to EN 60079-1:2014 Clause 16.

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

Date of Approval : 07.08.2020



CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA18ATEX002X/Rev.01

20) Essential Health and Safety Requirements :

Met by compliance with the standards listed in Section 11 of this certificate.

21) Drawings and Documents :

Technical file EXI-600ADTF/Rev.01 dated 28.07.2020 includes drawings, safety, maintenance and mounting instructions.

Drawing No:	Title	Rev.
2015-EXI6-MEXP	Exploded View	00
2015-EXI6-MDIM	Dimension	00
1115-A00-0057	Cover	00
1115-A00-0056	Body	00
2685-A00-0008	Strengthened Glass	00
1030-A00-0537	Displate PCB Plate	00
1210-A00-0123	Hinge Pin	00
9505-A00-0059	Power On/Off Switch	00

22) Certificate History :

Revision Number	Publication Date	Explanation
Rev.00	19.02.2018	First Publication
Rev.01	07.08.2020	Published for the update the standard.

The competent person
SCA Technical Manager
İsmail OĞLAKCIOĞLU

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