



Number	18GR0278/00	Contract number	E 0001
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	12-04-2028	Module	B (Type testing)
PIN	0063CN1767	Report number	125767

## EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the automatic burner control systems, type(s):

**FCU 5XX, BCU5XX**

manufactured by

**Elster (Honeywell)  
Lotte Büren, Germany**

meet(s) the essential requirements as described in the  
**Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

For the FCU 5xx the compliance is based on examination to  
EN13611:2007+A2:2011 and EN1643:2014.

For the BCU 5xx the compliance is based on examination to  
EN 298:2012, EN1643:2014.

The product(s) has/have been approved for all EU and EFTA countries.

A description of the specific types is given in the appendix to this certificate.

CERTIFICATE

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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: Elster (Honeywell)

Types: BCU 560  
BCU 565  
BCU 570  
BCU 580  
FCU 500  
FCU 505

Scope:

Application: Appliances burning gaseous permanent operation (Ionization UVC and UVD)  
Appliances burning gaseous non-permanent operation (UVS)

Flame detection: Ionisation or External UV \*)

Applied technology: Complex electronics

Ambient temperature: -20 °C to +60 °C

Electrical supply: 230 Vac 50/60 Hz  
120 Vac 50/60Hz

Protection: With enclosure and IP 20

Installation environment: Pollution degree 1 or 2

Gas valve output: 120 /230 Vac / max. 1.0 A  $\cos \phi \geq 0.6$

Safety outputs: 120 /230 Vac / max. 1.0 A  $\cos \phi \geq 0.6$

\*) External UV sensor (UVD and UVC) not part of the approval.

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

Approved safety relevant functions BCU 5xx:

Automatic burner control system:	EN 298	Class C
Valve-proving system (VPS):	EN1643	Class C
Reset function:	EN 14459, Annex J	Class B
Gas pressure limit function:	EN 298	Class C

Approved safety relevant functions FCU 50x:

Valve proving system (VPS):	EN 1643	Class C
Reset function:	EN 14459, Annex J	Class B
Gas shut-off function:	EN 14459, Annex L	Class C
Gas pressure limit function:	EN 13611	Class C

Remarks/special conditions:

None.