



Number	18GR0276/00	Contract number	E 0001
Issue date	21-04-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	06-04-2028	Module	B (Type testing)
PIN	0063BP1283	Report number	122283

## EU TYPE EXAMINATION CERTIFICATE (GAR)

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

**BCU 370**

manufactured by **Elster GmbH (Honeywell)**  
**Lotte - Büren, Germany**

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

The compliance is based on examination to EN 298:2012, EN 1643:2014, EN 14459:2007.

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.

Luc Leroy, Kiwa



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: Elster GmbH (Honeywell)

Types: BCU 370 W (or Q) I1\* (or I2\*\*, I3\*\*) F E U0 (or U1) D1 (or D3) B1\*-3\* Zxxx\* V\*  
\*Code omitted if not applicable.  
\*\*I2 only for 230V, I3 only for 120V

W = 230 V AC, 50/60 Hz  
Q = 120 V AC, 50/60 Hz  
I1 = Electronic ignition, single-pole  
I2 = Electronic ignition, double-pole  
I3 = Electronic ignition, double-pole with neutral conductor  
F = Fan control  
E = Valve control  
U0 = Ionisation control (continuous or intermittent operation)  
or UV control (intermittent operation with UVS)  
U1 = UV (continuous operation with UVC or UVD)\*  
D1 = Maximum Gas Pressure monitoring  
D3 = Integrated tightness control  
B1 = For Profibus-DP  
-3 = Three-point step control via Profibus-DP  
Zxxx = Customer specific parameter setting  
V = without bottom section  
) External UV sensors (UVD and UVC) are not part of the approval.

Scope:

Application: Appliances burning gaseous and permanent operation (Ionisation, UVC and UVD).  
Appliances burning gaseous and non-permanent operation (UVS).

Flame detection: Ionisation, External UV detector

Applied technology: Complex electronics

Ambient temperature: -20 °C to +60 °C for external ignition  
-10 °C to +60°C for Internal ignition

Electrical supply: 120/230 Vac 50/60 Hz

Protection: With enclosure and IP 54

Installation environment: Pollution degree 1, 2 or 3

Gas valve output: 230 Vac / max. 1A

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



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

### Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Valve Proving system *)	EN 1643	Class C
Gas pressure limit function:	EN 298	Class C
Reset function:	EN 14459, Annex J	Class B

\*) Approval sensing element is not included

### Remarks/special conditions:

None.