CERTIFICATE

Number	18GR0292/00	**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	0063BO1064	**Report number**	122064

EU TYPE EXAMINATION CERTIFICATE (GAR)

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

BCU 4XX

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 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.

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Issue date	21-04-2018	**Scope**	(EU) 2016/426 (9 March 2016)
Due date	12-04-2028	**Module**	B (Type testing)
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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: Elster GmbH (Honeywell)

Types:

BCU 440	For directly ignited burners up to 360KW without air valve control.
BCU 460	For directly ignited burners of unlimited rating with or without air valve control.
BCU 460_U	For directly ignited burners of unlimited rating with or without air valve control. Flame monitoring prepared for UVC and UVD
BCU 460_B1	For directly ignited burners of unlimited rating with or without air valve control. With PROFIBUS interface
BCU 460_U_B1	For directly ignited burners of unlimited rating with or without air valve control. Flame monitoring prepared for UVC and UVD and with PROFIBUS interface
BCU 465	For directly ignited burners of unlimited rating with extended air control
BCU 465_B1	For directly ignited burners of unlimited rating with extended air control. With PROFIBUS interface.
BCU 480	Version for pilot and main burners with air valve control.
BCU 480_U	Version for pilot and main burners with air valve control. Flame monitoring prepared for UVC and UVD.
BCU 480_B1	Version for pilot and main burners with air valve control. With PROFIBUS interface.
BCU 480_U_B1	Version for pilot and main burners with air valve control. Flame monitoring prepared for UVC and UVD and with PROFIBUS interface.
BCU 400 Noxmat	Customer specific version with extended air control
BCU 400 CBFF	Customer specific version with extended air control
BCU 400 CBFF...B1	Customer specific version with extended air control and PROFIBUS interface

Scope:

Application:	Appliances burning gaseous fuel for permanent operation (Ionisation, UVC and UVD) Appliances burning gaseous fuel for non-permanent operation (UVS)
Flame detection:	Ionisation, external UV detector *)
Applied technology:	Complex electronics
Ambient temperature:	-20 °C to +60 °C
Electrical supply:	115/230 Vac 50/60Hz
Protection:	With enclosure and IP 54
Installation environment	Pollution degree 1, 2 or 3
Gas valve output:	115Vac or 230 Vac 1.0 A

*) Approval of the External UV detector is not included.

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
High Temperature Operation input:	EN 298	Class C
Safety Limits:	EN 298	Class C
Reset function:	EN 14459, Annex J	Class B

Remarks/special conditions:
High temperature Input. If this input is activated the flame is no longer monitored by the BCU4xx yet by an external HTO device. The external HTO device was not part of the approval.