



Number	19GR0142/01	Replaces	19GR0142/00
Issue date	23-10-2025	Contract number	E 0001
Due date	23-10-2035	Module	B (Type testing)
Report number	181000824	Scope	(EU) 2016/426 (9 March 2016)
PIN	0063CU1824		

EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the **Automatic Burner Control Systems**, model(s):

BCU 4xx

Manufacturer

Elster GmbH (Honeywell)
Strotheweg 1
49504 Lotte - Büren
Germany

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

Reference standard: EN 298:2022 and EN 1643:2022

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

Ron Scheepers
Managing director

Kiwa Nederland B.V.
Wilmsdorf 50
P.O. Box 137
7300 AC APELDOORN
The Netherlands

<https://www.kiwaenergy.com>





Number	19GR0142/01	Replaces	19GR0142/00
Issue date	23-10-2025	Contract number	E 0001
Due date	23-10-2035	Module	B (Type testing)
Report number	181000824	Scope	(EU) 2016/426 (9 March 2016)
PIN	0063CU1824	Page	1 of 2

APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer:
Elster GmbH (Honeywell)

Types: BCU 4(60,65,80)(Q,W)(1,2,3,8)P(0,1,2,3,6,7)C(0,1,2)D(0,1,2)(0,1,2,3),K(0,1,2)E(0,1)
LM400(Q,W)F(0,1,3)O(0,1,2)E(0,1)K(0,1,2)

60	Direct Spark Ignition Systems
65	Direct Spark Ignition Systems with air/gas pressure switches
80	Version for pilot and main burner
Q	120V AC, 50/60Hz
W	230V AC, 50/60Hz
0	No Ignition Transformer
1	Ignition Transformer 100%
2	Ignition Transformer 19%
3	Ignition Transformer 100%
8	Ignition Transformer 33%
P0	Without base plate
P1	Standard
P2	M32
P3	Industrial plug connector
P6	Profibus
P7	Conduit
C0	No valve proving system
C1	With TC and POC valve proving system
C2	With POC valve proving system
D0	No high temperature operation
D1	For high temperature operation
D2	Flameless operation
0	Input functions: none
1	Auxiliary Gas
2	LDS
3	Additional gas and LDS
0	Pressure switches: none
1	Air pressure switch
2	Gas pressure switch
3	Air and gas pressure switch
K0	No connection plugs
K1	Connection plugs with screw terminals
K2	Connection plugs with spring force terminals
E0	Energy supply: via safety interlocks
E1	via L1



Number	19GR0142/01	Replaces	19GR0142/00
Issue date	23-10-2025	Contract number	E 0001
Due date	23-10-2035	Module	B (Type testing)
Report number	181000824	Scope	(EU) 2016/426 (9 March 2016)
PIN	0063CU1824	Page	2 of 2

APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

LM400	Power Module for 400 Series
Q	120V
W	230V
F0	Air actuator: none
F1	with IC 40 interface
F3	with air valve control
O0	Optional outputs: none
O1	not fail-safe
O2	fail-safe
E0	Energy supply: via F1/F2
E1	via L1
K0	No connection plugs
K1	Connection plugs with screw terminals
K2	Connection plugs with spring force terminals

Scope:

Application:	Appliances burning gaseous and fuels for permanent and non permanent operation
Flame detection:	Ionisation / External UV Detector
Applied technology:	Complex electronics
Ambient temperature:	-20 °C to +70 °C
Electrical supply:	120/230 Vac 50/60 Hz
Protection:	With enclosure and IP 65
Installation environment	Pollution degree 1 or 2
Gas valve output: V1,V2, V3, V4 and V5 (optional)	Main voltage max. 1.0 A / $\cos \varphi=0.6$ each. In total 2.5 A

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

Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Rest Function: *)	EN 298	Class B
reset electromechanical cut-out: *)	EN 298	Class B
Valve proving system (VPS): *)	EN 1643	Class C
Gas pressure limit function: *)	EN 298	Class C
Air Pressure limit function: *)	EN 298	Class C

*) External Sensors/Elements are not part of the approval

Remarks/special conditions:

None.