CERTIFICATE

Number	17GR0193/03	**Replaces**	17GR0193/02
Issue date	04-03-2026	**Contract number**	E 0001
Due date	04-03-2036	**Module**	B (Type testing)
Report number	121580	**Scope**	(EU) 2016/426 (9 March 2016)
PIN	0063BO1580		

EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the **automatic shut-off valve, multi-functional control**, model(s):

VAD,
VAG,
VAH,
VAS,
VAV

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 1854: 2022 +A1: 2023, EN 88-1: 2022 +A1: 2023, EN 161:2022 +A1:2025 and EN 126: 2025

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

Wim van Loon
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PRODUCTS
RvA C 002

Number	17GR0193/03	**Replaces**	17GR0193/02
Issue date	04-03-2026	**Contract number**	E 0001
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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer:
Elster GmbH (Honeywell)

List of all available types:

VAS	Electro-magnetic automatic shut-off valve
VBY	Electro-magnetic automatic shut-off valve
VAG/V/D/H	Multi-functional controls
VRG/VRH	Pressure regulator
VCS	combination of VAS
VCD	combination of VAS and VAD
VCG	combination of VAS and VAG
VCV	combination of VAS and VAV
VCH	combination of VAS and VAH

Electrical supply:	230 VAC, 200 VAC, 120 VAC, 100 VAC, 24 VDC and 12 VDC
Ambient temperature:	-20 °C to +60 °C , VBY 0 °C to +60 °C
IP protection degree	IP65 (VBY IP54)
Class:	A (shut off valve and governor)
Mechanical strength:	group 2, up to combination of 3 bodies in line
Working pressure:	500mbar
Connection size:	Body type 1 Rp 3/8, ½, ¾, 1” (ISO 7) Body type 2 Rp 1, 1¼, 1½, 2” (ISO 7), 1½ (DIN2501) Body type 3 Rp 1½ , 2, 2 ½” (ISO 7), 2 (DIN2501)
Options:	Assembled as/with bypass, bypass valve, pressure switch(es), control valve or pressure sensing device.

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Type survey

VAS	: automatic shut-off valve	
VAG	: gas/air ratio control with solenoid valve	
VAD	: regulator with solenoid valve	
VAV	: variable gas/air ratio control with solenoid valve	
VAH	: flow control with solenoid valve	
VRG	: gas/air ration control without solenoid valve	
VRH	: flow control without solenoid valve	
1	: body type 1	
2	: body type 2	
3	: body type 3	
T*	: indication for products with NPT-thread	
-0	: inlet connection blind flange	(only applicable for VAS)
10	: inlet connection DN10	
15	: inlet connection DN15	
20	: inlet connection DN20	
25	: inlet connection DN25	
32	: inlet connection DN32	
40	: inlet connection DN40	
50	: inlet connection DN50	
65	: inlet connection DN65	
-	: inlet connection without flange	
/0*	: outlet connection blind flange	(only applicable for VAS)
/10*	: outlet connection DN10	(not applicable for VAG/D/V/H/RG/RH)
/15*	: outlet connection DN15	
/20*	: outlet connection DN20	
/25*	: outlet connection DN25	
/32*	: outlet connection DN32	
/40*	: outlet connection DN40	
/50*	: outlet connection DN50	
/65*	: outlet connection DN65	
/-*	: outlet connection without flange	
R	: connection Rp (ISO 7)	
N*	: connection NPT-threaded	
F	: connection DIN- flange	
/	: none	

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

05	: pe max 500mbar	
N	: fast opening	(only applicable for VAS)
L	: slow opening	(only applicable for VAS)
W	: Main voltage 230 V AC, 50/60 Hz	
Y	: Main voltage 200 V AC, 50/60 Hz	
Q	: Main voltage 120 V AC, 50/60 Hz	
P	: Main voltage 100 V AC, 50/60 Hz	
K	: Main voltage 24 V DC	
B	: Main voltage 12 V DC (only body type 1)	
SL*	: Position indicator and visual indicator, left side	
SR*	: Position indicator and visual indicator, right side	
GL*	: Position indicator and visual indicator for 24 V, left side	
GR*	: Position indicator and visual indicator for 24 V, right side	

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Concerning only VAS

3		: Cable gland	Type of el. connection
-		: socket with plug	
-		: socket	
/P		: Screw plug	Accessories, right, inlet
/M		: Pressure test point	
/1	/1G	: DG 17 DG 17 with gold contact	
/2	/2G	: DG 40 DG 40 with gold contact	
/3	/3G	: DG 110 DG 110 with gold contact	
/4	/4G	: DG 300 DG 300 with gold contact	
/I		: Bypass valve VBY, fitted	
/R		: Pilot gas valve VBY, fitted	
/H		: Main valve attachment side	
/Y		: Prepared for bypass valve VAS 1	
/B		: Bypass valve VAS 1, fitted	
/Z		: Pilot gas valve VAS 1, fitted	
/-		: None	
P		: Screw plug	Accessories, right, outlet
M		: Pressure test point	
1	1G	: DG 17 DG 17 with gold contact	
2	2G	: DG 40 DG 40 with gold contact	
3	3G	: DG 110 DG 110 with gold contact	
4	4G	: DG 300 DG 300 with gold contact	
-		: None	

Accessories on left-hand side equivalent to those on right-hand side

/1	: 1 mm	Bypass diameter
/2	: 2 mm	
/3	: 3 mm	
/4	: 4 mm	
/5	: 5 mm	
/6	: 6 mm	
/7	: 7 mm	
/8	: 8 mm	
/9	: 9 mm	
/10	: 10 mm	
/1	: Attached to size 1	Bypass valve fitted
/2	: Attached to size 2 or 3	
/4	: Attached to valVario XL	

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Concerning VAD, VAG, VAV, VAH, VRG, VRH

3		: Cable gland	Type of el. connection
-		: socket with plug	
-		: socket	
25		: outlet pressure 2,5…25mbar	only VAD
50		: outlet pressure 20…50mbar	only VAD
100		: outlet pressure 35…100mbar	only VAD
A		: working area A: standard valve seat	
B		: working area B: reduced valve seat	
E		: 3 compression fitting, 4 test nipples pd and psa	only VAH/VRH
E		: 1 compression fitting, 2 test nipples pd and psa	only VAG/VRG
K		: 1 plastic hose coupling, 2 test nipples pd and psa	only VAG/VRG
N		: Zero governor , 1 test point pd, 1 screw plug psa	only VAG/VRG
A		: 1 NPT 1/8 adapter, 2 test points pd and psa	only VAG/VRG
		: 3 NPT 1/8 adapter, 4 test points pd and psa	only VAH/VRH
K		: 2 plastic hose coupling, 1 screw plug pG	only VAV
A		: 2 x NPT 1/8 adapter, 1 test nipple pd	only VAV
E		: 2 x compression fitting, 1 test nipple pd	only VAV
/P		: Screw plug	VAD/G/V/H accessories, right, inlet
/M		: Pressure test point	
/1	/1G	: DG 17 DG 17 with gold contact	
/2	/2G	: DG 40 DG 40 with gold contact	
/3	/3G	: DG 110 DG 110 with gold contact	
/4	/4G	: DG 300 DG 300 with gold contact	
/I		: Bypass valve VBY, fitted	
/R		: Pilot gas valve VBY, fitted	
/Y		: Prepared for bypass valve VAS 1	
/B		: Bypass valve VAS 1, fitted	
/Z		: Pilot gas valve VAS 1, fitted	
/-		: None	

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

P		: Screw plug	VAD/G/V/H accessories, right, outlet
M		: Pressure test point	
1	1G	: DG 17	DG 17 with gold contact
2	2G	: DG 40	DG 40 with gold contact
3	3G	: DG 110	DG 110 with gold contact
4	4G	: DG 300	DG 300 with gold contact
-		: None	

Accessories on left-hand side equivalent to those on right-hand side

Concerning VBY

VBY	: Bypass valve
8	: DN 8
I	: Internal bypass
R	: Rp thread
W	: 230Vac 50/60Hz
Q	: 120Vac 50/60Hz
K	: 24Vdc
6L	: Electrical connection with plug and socket with LED
5	: Electrical connection with plug without socket
-R	: mounting position at main valve: right
-L	: mounting position at main valve: left
E	: assembled
B	: supplied separately (single part)
D	: flow rate adjustment
01	: orifice diameter 01 ≡ 0.1 mm …. 40 ≡ 4.0 mm

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Concerning multifunctional module

Ambient temperature:	-20°C to +60°C
Mechanical strength:	Group 2 up to four combinations in line
Working pressure:	500 mbar
Connection size:	Body type 1 = 3/8",1/4",1/2",3/4 or 1" (ISO7) Body type 2 = 1",1-1/4",1-1/2",2" (ISO7) Body type 2 = 1-1/2", 2" (ISO 7005) Body type 3 = 1-1/2", 2", 2-1/2" (ISO 7) Body type 3 = 2", 2-1/2" (ISO 7005)

VMF	Filter-module
VMV	Linear flow limiter-module
VMO	Orifice module

1	body type 1
2	body type 2
3	body type 3

10	inlet connection size 10*
15	inlet connection size 15*
20	inlet connection size 20*
25	inlet connection size 25*
32	inlet connection size 32*
40	inlet connection size 40*
50	inlet connection size 50*
65	inlet connection size 65*
-	inlet connection without flange*

/10	outlet connection size 10*
/15	outlet connection size 15*
/20	outlet connection size 20*
/25	outlet connection size 25*
/32	outlet connection size 32*
/40	outlet connection size 40*
/50	outlet connection size 50*
/65	outlet connection size 65*
-	outlet connection without flange

R	connection Rp (ISO7)*
N	connection NPT*
F	connection flanged (ISO7005)*

APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

-05		working pressure up to 500mbar	
M		with measuring plugs*	
P		with plug screw*	
1	1G	: DG 17 *	DG 17 with gold contact
2	2G	: DG 40 *	DG 40 with gold contact
3	3G	: DG 110 *	DG 110 with gold contact
4	4G	: DG 300 *	DG 300 with gold contact
xx		Orifice size diameter in mm (only VMO-module)	

Concerning Valvario ECO

VCS	Double electro-magnetic automatic shut-off valve
VCD	Multi-functional controls
VCG	Multi-functional controls
VCV	Multi-functional controls
VCH	Multi-functional controls
1	Body type 1
T	not applicable
-	inlet connection without flange
10	inlet connection blind flange DN10
15	inlet connection blind flange DN15
20	inlet connection blind flange DN20
25	inlet connection blind flange DN25
-	outlet connection without flange
/10*	DN 10
/15*	DN 15
/20*	DN 20
/25*	DN 25
R	connection Rp (ISO 7)
N	not applicable
/	none
05	pe max 500 mbar

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

N	fast opening	1 valve or regulator
D	Pressure Reducing Regulator	
G	Air/Gas Ratio Control	
V	Variable Air/Gas Ratio Control	
H	Flow control	
(-)	none	
N	fast opening	2 valve or regulator
D	Pressure Reducing Regulator	
G	Air/Gas Ratio Control	
V	Variable Air/Gas Ratio Control	
H	Flow control	
(-)	none	
E	Energy saving automatic shut-off valve	
F	Main voltage 100–120 V~, 50/60 Hz	
J	Main voltage 200–230 V~, 50/60 Hz	
(-)	Without position and visual indicator	
SL*	Position Indicator and visual indicator, left side	
GL*	Position Indicator and visual indicator for 24V, left side	
SR*	Position Indicator and visual indicator, right side	
GR*	Position Indicator and visual indicator for 24V, right side	
5	plug without socket	
6	plug with socket	
/25	Outlet pressure range 2,5-25 mbar	
/50	Outlet pressure range 20-50 mbar	
/100	Outlet pressure range 35-100 mbar	
A	working area A: standard valve seat	
B	working area B: reduced valve seat	
E	1 compression fitting, 2 test nipples pG and pL	
	3 compression fitting, 4 test nipples pG and pL	Only VCH
K	1 plastic hose coupling, 2 screw plugs	
N	Zero governor, 1 test point pG, 1 screw plug	
A	1 NPT 1/4 adapter, 2 test points pG and pL	
	3 NPT 1/4 adapter, 4 test points pG and pL	Only VCH

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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

/P	Screw plug			(accessories, right, inlet)
/M	Pressure test point			
/1	DG 17	/1G	DG 17 with gold contact	
/2	DG 40	/2G	DG 40 with gold contact	
/3	DG 110	/3G	DG 110 with gold contact	
/4	DG 300	/4G	DG 300 with gold contact	
/I	Bypassvalve VBY, fitted			
/R	Pilot gas valve VBY, fitted			
/-	None			

P	Screw plug			(accessories, right, interspace 1)
M	Pressure test point			
/1	DG 17	1G	DG 17 with gold contact	
/2	DG 40	2G	DG 40 with gold contact	
/3	DG 110	3G	DG 110 with gold contact	
/4	DG 300	4G	DG 300 with gold contact	
-	none			

P	Screw plug			(accessories, right, interspace 1)
M	Pressure test point			
/1	DG 17	1G	DG 17 with gold contact	
/2	DG 40	2G	DG 40 with gold contact	
/3	DG 110	3G	DG 110 with gold contact	
/4	DG 300	4G	DG 300 with gold contact	
I	Bypassvalve VBY, fitted			
R	Pilot gas valve VBY, fitted			
-	None			

P	Screw plug			(accessories, right, outlet)
M	Pressure test point			
/1	DG 17	1G	DG 17 with gold contact	
/2	DG 40	2G	DG 40 with gold contact	
/3	DG 110	3G	DG 110 with gold contact	
/4	DG 300	4G	DG 300 with gold contact	
-	None			

Accessories on left-hand side equivalent to those on right-hand side
*excluded if not applicable
(Accessories model breakdown not shown on product label)