



Type Examination Certificate

No. C5AUK 022629 0069 Rev. 00

Holder of Certificate: **Karl Dungs GmbH & Co. KG**
Karl-Dungs-Platz 1
73660 Urbach
GERMANY

Product: **Fittings (Gas)**
Multifunctional controls

MB-VEF

The Approved Body of TUV SUD BABT Unlimited confirms according to the Gas Appliances (Enforcement) and Miscellaneous Amendment Regulations, UKSI 2018:389 (as amended by UKSI 2019:696), that in the conformity assessment procedure in accordance with Article 14 the listed product has been assessed in a type examination (module B - production type) and complies with the relevant provisions according to Annex I on appliances burning gaseous fuels. It refers only to the sample submitted for testing and certification and on its technical documentation. See also notes overleaf.

Test report no.: V-M 1724-00/22

Valid until: 2032-09-13

Date, 2022-09-16

(Johannes Steiglechner)



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Model(s): MB-VEF 407 B01 S10, MB-VEF 407 B01 S12, MB-VEF 407 B01 S30, MB-VEF 407 B01 S32, MB-VEF 412 B01 S10, MB-VEF 412 B01 S12, MB-VEF 412 B01 S30, MB-VEF 412 B01 S32, MB-VEF 415 B01 S10, MB-VEF 415 B01 S12, MB-VEF 415 B01 S30, MB-VEF 415 B01 S32, MB-VEF 420 B01 S10, MB-VEF 420 B01 S12, MB-VEF 420 B01 S30, MB-VEF 420 B01 S32, MB-VEF 425 B01 S10, MB-VEF 425 B01 S12, MB-VEF 425 B01 S30, MB-VEF 425 B01 S32

Models

nominal size	type designation	rated power
Rp ½; Rp¾; (DN15; DN20)	MB-VEF 407 B01 S10 MB-VEF 407 B01 S12 MB-VEF 407 B01 S30 MB-VEF 407 B01 S32	28 VA
Rp 1; Rp1 ¼; (DN25; DN32)	MB-VEF 412 B01 S10 MB-VEF 412 B01 S12 MB-VEF 412 B01 S30 MB-VEF 412 B01 S32	50 VA
Rp 1; Rp 1 ¼; Rp 1 ½; Rp 2; (DN25; DN32; DN40; DN50)	MB-VEF 415 B01 S10 MB-VEF 415 B01 S12 MB-VEF 415 B01 S30 MB-VEF 415 B01 S32	50 VA
Rp 1; Rp 1 ¼; Rp 1 ½; Rp 2 (DN25; DN32; DN40; DN50)	MB-VEF 420 B01 S10 MB-VEF 420 B01 S12 MB-VEF 420 B01 S30 MB-VEF 420 B01 S32	90 VA
Rp 2; (DN50)	MB-VEF 425 B01 S10 MB-VEF 425 B01 S12 MB-VEF 425 B01 S30 MB-VEF 425 B01 S32	110 VA

The inlet pressure range of the pressure regulator and the activation of the valves are marked as follows:

S10: inlet pressure range 5 to 100 mbar, valves actuated together
 S12: inlet pressure range 5 to 100 mbar, separate actuated valves
 S30: inlet pressure range 100 to 360 mbar, valves actuated together
 S32: inlet pressure range 100 to 360 mbar, separate actuated valves

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Approved Body according to Regulation (EU) 2016/426 and the Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 with identification No. 0168.

TUV SUD BABT Unlimited,
Octagon House, Concorde Way, Segensworth North, Fareham, Hampshire, PO15 SRL



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Technical data / range of application

gas family	all gases of 1 st , 2 nd and 3 rd gas family
valve class acc. to DIN EN 161	A
regulator class acc. to DIN EN 88-1	A
group according to DIN EN 13611	2
max. operating pressure	360 mbar / 36 kPa
inlet pressure range of regulator	5 mbar to 100 mbar / 0,5 kPa to 10 kPa 100 mbar to 360 mbar / 10 kPa to 36 kPa
ambient temperature	-15°C to +70°C
installation position	actuator in vertical to horizontal position
electrical data	
all models:	AC 230 V or AC 220 – 230 V; 50 – 60 Hz; IP 54
Further rated voltages:	
MB-VEF 407 B01 S10	AC 100 V, AC 200 V
MB-VEF 412 B01 S10	AC 200 V

Tested according to: DIN EN 126:2012
DIN EN 161:2013
DIN EN 88-1:2016
DIN EN 13611:2011