



Type Examination Certificate

No. C5AUK 022629 0064 Rev. 01

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

Product: **Fittings (Gas)**
Pressure sensing devices

GW ... A..., GGW ... A..., NB ... A..., ÜB ... A...

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.: C-D 1695-01/23

Valid until: 2032-08-11

Date, 2023-12-04

(Johannes Steiglechner)



Type Examination Certificate

No. C5AUK 022629 0064 Rev. 01

Model(s):

GW 3 A2, GW 3 A4, GW 3 A4/2,
GGW 3 A4, GGW 3 A4/2, GGW 3 A4/2 X,
GGW 3 A4-U, GGW 3 A4-U/2,
GGW 3 A4-U/2 X, GW 3 A5, GW 3 A5/1,
GW 3 A6, GW 3 A6/1, GW 3 A5, GW 3 A6,
GW 10 A2, GW 10 A4, GW 10 A4/2,
GGW 10 A4, GGW 10 A4/2, GGW 10 A4/2 X,
GW 10 A2 SGV, GW 10 A3, GGW 10 A4-U,
GGW 10 A4-U/2, GGW 10 A4-U/2 X,
GW 10 A5, GW 10 A5/1, GW 10 A6,
GW 10 A6/1, GW 50 A2, GW 50 A4,
GW 50 A4/2, GGW 50 A4, GGW 50 A4/2,
GGW 50 A4/2 X, GW 50 A3, NB 50 A2,
NB 50 A4, ÜB 50 A2, ÜB 50 A4,
GGW 50 A4-U, GGW 50 A4-U/2,
GGW 50 A4-U/2 X, GW 50 A2, GW 50 A4,
GW 50 A5, GW 50 A5/1, GW 50 A6,
GW 50 A6/1, GW 100 A3, GW 150 A2,
GW 150 A4, GW 150 A4/2, GGW 150 A4,
GGW 150 A4/2, GGW 150 A4/2 X,
NB 150 A2, NB 150 A4, ÜB 150 A2,
ÜB 150 A4, GGW 150 A4-U,
GGW 150 A4-U/2, GGW 150 A4-U/2 X,
GW 150 A2, GW 150 A4, GW 150 A5,
GW 150 A5/1, GW 150 A6, GW 150 A6/1,
GW 150 A2 SGV, GW 500 A2, GW 500 A4,
GW 500 A4/2, GW 500 A5, GW 500 A5/1,
GW 500 A6, GW 500 A6/1, NB 500 A2,
NB 500 A4, ÜB 500 A2, ÜB 500 A4,
GW 500 A4 HP, GW 500 A4/2 HP,
GW 500 A4/2 HP SGS, GW 500 A4/2 HP X,
GW 500 A4 HP, GW 500 A4/2 HP,
GW 500 A4/2 HP SGS, GW 500 A4/2 HP X,
GW 2000 A4 HP, GW 2000 A4/2 HP,
GW 2000 A4/2 HP SGS, GW 2000 A4/2 HP X,
GW 6000 A4 HP, GW 6000 A4/2 HP,
GW 6000 A4/2 HP SGS, GW 6000 A4/2 HP X

Page 2 of 4

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



Type Examination Certificate

No. C5AUK 022629 0064 Rev. 01

Models

models	setting range	max. operating pressure	PSD-S (class S)
GW 3 A2, GW 3 A4, GW 3 A4/2, GGW 3 A4, GGW 3 A4/2, GGW 3 A4/2 X	0,4...3 mbar	50 kPa / 500 mbar	yes
GGW 3 A4-U, GGW 3 A4-U/2, GGW 3 A4-U/2 X	-0,4...0,3 mbar	50 kPa / 500 mbar	yes
GW 3 A5, GW 3 A5/1, GW 3 A6, GW 3 A6/1	0,7...3 mbar	50 kPa / 500 mbar	yes
GW 3 A5, GW 3 A6	0,9...3 mbar	50 kPa / 500 mbar	yes
GW 10 A2, GW 10 A4, GW 10 A4/2, GGW 10 A4, GGW 10 A4/2, GGW 10 A4/2 X	1...10 mbar	50 kPa / 500 mbar	yes
GW 10 A2 SGV	1...10 mbar	50 kPa / 500 mbar	no
GW 10 A3	1...10 mbar	15 kPa / 150 mbar	no
GGW 10 A4-U, GGW 10 A4-U/2, GGW 10 A4-U/2 X	-1...-10 mbar	50 kPa / 500 mbar	yes
GW 10 A5, GW 10 A5/1, GW 10 A6, GW 10 A6/1	2...10 mbar	50 kPa / 500 mbar	yes
GW 50 A2, GW 50 A4, GW 50 A4/2, GGW 50 A4, GGW 50 A4/2, GGW 50 A4/2 X	2,5...50 mbar	50 kPa / 500 mbar	yes
GW 50 A3	2,5...50 mbar	15 kPa / 150 mbar	no
NB 50 A2, NB 50 A4, ÜB 50 A2, ÜB 50 A4	2,5...50 mbar	50 kPa / 500 mbar	no
GGW 50 A4-U, GGW 50 A4-U/2, GGW 50 A4-U/2 X	-2,5...-50 mbar	50 kPa / 500 mbar	yes
GW 50 A2, GW 50 A4, GW 50 A5, GW 50 A5/1, GW 50 A6, GW 50 A6/1	5...50 mbar	50 kPa / 500 mbar	yes
GW 100 A3	20...100 mbar	15 kPa / 150 mbar	no
GW 150 A2, GW 150 A4, GW 150 A4/2, GGW 150 A4, GGW 150 A4/2, GGW 150 A4/2 X	30...150 mbar	50 kPa / 500 mbar	yes
NB 150 A2, NB 150 A4, ÜB 150 A2, ÜB 150 A4	30...150 mbar	50 kPa / 500 mbar	no
GGW 150 A4-U, GGW 150 A4-U/2, GGW 150 A4-U/2 X	-30...-150 mbar	50 kPa / 500 mbar	yes
GW 150 A2, GW 150 A4, GW 150 A5, GW 150 A5/1, GW 150 A6, GW 150 A6/1	5...150 mbar	50 kPa / 500 mbar	yes
GW 150 A2 SGV	5...150 mbar	50 kPa / 500 mbar	no
GW 500 A2, GW 500 A4, GW 500 A4/2	100...500 mbar	60 kPa / 600 mbar	yes
GW 500 A5, GW 500 A5/1, GW 500 A6, GW 500 A6/1	100...500 mbar	100 kPa / 1000 mbar	yes
NB 500 A2, NB 500 A4, ÜB 500 A2, ÜB 500 A4	50...500 mbar	60 kPa / 600 mbar	no
GW 500 A4 HP, GW 500 A4/2 HP, GW 500 A4/2 HP SGS, GW 500 A4/2 HP X	0,1...0,5 bar	200 kPa / 2 bar	no
GW 500 A4 HP, GW 500 A4/2 HP, GW 500 A4/2 HP SGS, GW 500 A4/2 HP X	0,15...0,5 bar	500 kPa / 5 bar	no
GW 2000 A4 HP, GW 2000 A4/2 HP, GW 2000 A4/2 HP SGS, GW 2000 A4/2 HP X	0,4...2 bar	500 kPa / 5 bar	no
GW 6000 A4 HP, GW 6000 A4/2 HP, GW 6000 A4/2 HP SGS, GW 6000 A4/2 HP X	1...6 bar	800 kPa / 8 bar	no



Type Examination Certificate

No. C5AUK 022629 0064 Rev. 01

Technical data / range of application

gas family	all gases of 1 st , 2 nd and 3 rd gas family
class according to DIN EN 1854	see models
medium	fuel gases of 1 st , 2 nd and 3 rd gas family, air and combustion exhaust gases
max. operating pressure	see models
ambient temperature	-15°C to +70°C 0°C to +70°C (models ... SGV)
installation position	any, deviation of switching pressure is given in data sheets

Electrical data:

rated current	AC eff. 10 A AC eff. 6 A (GW 3 A5/A6)
switching current	AC 250 V, 6 A at $\cos \varphi = 1,0$ or 3 A at $\cos \varphi = 0,6$ standard: DC 48 V, 1 A gilded contacts: DC 24 V, 20 mA GW 3 A5/A6: AC 250 V, 4 A at $\cos \varphi = 1,0$ or 2 A at $\cos \varphi = 0,6$ standard: DC 48 V, 1 A gilded contacts: DC 24 V, 20 mA
degree of protection	GW ... A3: IP 00, IP 20, IP 42; GW ... A2/A5/A6, NB/ÜB ... A...: IP 42; GW ... A4, GGW ... A4: IP 54, IP 65; GW ... SGS, GW ... SVG: IP 65

Further details:

The models ... SGS and ... SGV are also suitable for particular gases according to the manufacturer's information with max. content of H₂S up to 1,0 Vol. %.

Tested according to: DIN EN 1854:2010
DIN EN 13611:2022
EN 1854:2022