



Type Examination Certificate

No. C5AUK 022629 0044 Rev. 00

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

Product: **Fittings (Gas)**
Pressure regulator

FRS

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 1681-00/22

Valid until: 2032-05-24

Date, 2022-05-25

(Johannes Steiglechner)



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Model(s): FRS 503, FRS 505, FRS 507, FRS 510, FRS 515, FRS 5040, FRS 520, FRS 5050, FRS 525, FRS 5065, FRS 5080, FRS 5100, FRS 5100 VIBR, FRS 5125, FRS 5150

Models

type designation	nominal size	connection
FRS 503	DN 10	Rp 3/8
FRS 505	DN 15	Rp 1/2
FRS 507	DN 20	Rp 3/4
FRS 510	DN 25	Rp 1
FRS 515	DN 40	Rp 1 1/2
FRS 5040	DN 40	flange
FRS 520	DN 50	Rp 2
FRS 5050	DN 50	flange
FRS 525	DN 65	Rp 2 1/2
FRS 5065	DN 65	flange
FRS 5080	DN 80	flange
FRS 5100	DN 100	flange
FRS 5100 VIBR		
FRS 5125	DN 125	flange
FRS 5150	DN 150	flange

The suffix "VIBR" denotes a vibration-damped version.

Technical data / range of application

gas family	all gases of 1 st , 2 nd and 3 rd gas family
class according to DIN EN 88-1	A
group according to DIN EN 88-1	2
withstand pressure	500 mbar / 50 kPa
inlet pressure range	5 to 500 mbar / 0,5 to 50 kPa
outlet pressure range	2,5 to 240 mbar / 0,25 to 24 kPa
ambient temperature	-15°C to +70°C
installation position	spring dome in vertical to horizontal position

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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.



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electrical data

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Tested according to: DIN EN 88-1:2016
DIN EN 13611:2022