



Type Examination Certificate

No. C5AUK 022629 0042 Rev. 00

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

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

FRNG

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 1675-00/22

Valid until: 2032-05-10

Date, 2022-05-13

(Johannes Steiglechner)



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

Models

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

The suffix "STP" denotes a version with mechanically limited setpoint spring preload.

The suffix "HS" denotes a version with guided measuring unit.

Technical data / range of application

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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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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
When used as zero pressure regulator:		
inlet pressure range		5 to 200 mbar / 0,5 to 20 kPa
outlet pressure range		-3 to +5 mbar / -0,3 to +0,5 kPa
When used as 1:1 gas/air ratio pressure regulator:		
inlet pressure range		5 to 200 mbar / 0,5 to 20 kPa
outlet pressure range		-10 to +150 mbar / -1 to +15 kPa
When used as pressure regulator controlled by air pressure:		
inlet pressure range		5 to 500 mbar / 0,5 to 50 kPa
max. outlet pressure		350 mbar / 35 kPa
ambient temperature		-15°C to +70°C
installation position	standard:	up to and including DN 100: "spring dome in vertical to horizontal position" DN 125 and DN 150: "spring dome in vertical position"
	zero pressure regulator:	additional possibility: "spring dome overhead in vertical position"
electrical data		—

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