

# CERTIFICATE

valid until: 14.06.2032

Type examination (Module B) - production type

Certificate No.: Z-IS-TAF-MUC-22-06-2652066-24085846

Name and address of manufacturer: Karl Dungs GmbH & Co. KG  
Karl-Dungs-Platz 1  
73660 Urbach (GERMANY)

We herewith certify that the production type mentioned below meets the requirements of the Pressure Equipment (Safety) Regulations 2016 as amended.

Certification based on report No.: P-IS-TAF-MUC-C-P 1680-00/22

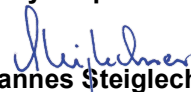
Scope of certification: Valve proving system for automatic shut off valves  
as safety accessory,  
type VPS 50...

Manufacturing plant: Karl Dungs GmbH & Co. KG  
Karl-Dungs-Platz 1  
73660 Urbach (GERMANY)

15.06.2022  
(Date of issue)

Verification of Certificate by TÜV SÜD App Verify

TUV SUD B A B T Unlimited  
Approved Body for pressure equipment

  
Johannes Steiglechner  
Name of certifier

Approved Body 0168  
TUV SUD B A B T Unlimited  
Octagon House, Concorde Way  
Fareham, Hampshire, PO 15 5RL  
United Kingdom

Document ID: 2652066Y04e65

IS-AN-PE-Q@tuvsud.com





Details of manufacturer:

Karl Dungs GmbH & Co. KG, Karl-Dungs-Platz 1, 73660 Urbach (GERMANY)

### Notes on the certificate

The right to use the symbol depicted in the certificate only applies to the product named in the certificate.

All necessary operating and safety instructions according to Schedule 2, Paragraph 21 and 22. have to be supplied with each product. For transportation purposes, the approved body may allow the holder of the certificate to disassemble the products marked with the symbol in such a way as is usual for product assembly in an installation.

The holder of the certificate is obliged to monitor the fabrication of the products marked with the symbol in order to ensure that production is carried out in accordance with the examination specifications. The holder of the certificate is particularly obliged to carry out monitoring examinations which are laid down in the examination specifications or required by the approved body. If this certificate expires or is declared invalid it has to be returned to the approved body immediately.

A certificate can be declared invalid or terminated by the approved body, if any flaws appear after the examination which were not detectable or not found during the examination, or if the symbol is used for the purpose of misleading or in any other way illicit advertising, or due to facts which were not clearly detectable at the time of certification, further use of the symbol is not justifiable.

The holder of the certificate is obliged to report any damage to or incurred by certified products to the approved body.

The holder of the certificate is only allowed to pass on examination reports and certificates by using the full text and by stating the date of issue. Publication of excerpts or duplication of the documents requires prior consent by the approved body.

With the certificate holder's consent, the approved body reserves the right to publish a list of certified products for the purpose of consumer information.

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Basis of examination:  
 DIN EN 1643:2014-09  
 DIN EN 13611:2011-12  
 Pressure Equipment Safety Regulations, UKSI 2016:1105 (as amended by UKSI 2019:696)

The certificate is valid for the following models:

Type	VPS 504...				
Models	S01 S01 SSM	S02	S03	S04	S05
Supply voltage					
24 V DC	--	X	--	--	X
230 V AC, 50 Hz	X	X	X	X	--
220 V AC, 60 Hz	X	X	X	X	--
110 V AC, 50 Hz	X	X	X	X	--
110/120 V AC, 60 Hz	X	X	X	X	--
Tolerance AC	+10%/-15%	+10%/-15%	+10%/-15%	+10%/-15%	--
Tolerance DC	--	+/-20%	--	--	+/-20%
Max. current rating of output terminals					
“Operation“	“T2“: 4 A	“T6“: 4 A	4 A	“B“: 4 A	“B“: 4 A
“Fault“	“S3“: 1 A	“T7“: 1 A	--	“1/2/3“: 1 A	“S“: 1 A
rated input					
... during operation	17 VA	17 VA	17 VA	17 VA	3 W
... during test	60 VA	60 VA	60 VA	60 VA	12 W

Type	VPS 508		
Models	S03	S04	S05
Supply voltage			
24 V DC	--	--	X
230 V AC, 50 Hz	X	X	--
110 V AC, 50 Hz	X	X	--
Tolerance	+10%/-15% AC	+10%/-15% AC	+10%/-15% DC
Max. current rating of output terminals			
“Operation“	“T2“: 4 A	“B“: 4 A	“B“: 4 A
“Fault“	--	“1/2/3“: 1 A	“S“: 1 A
Rated input			
... during operation	17 VA	17 VA	3 W
... during test	60 VA	60 VA	12 W



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Technical data / range of application:

Gas family	all gases of 1st, 2nd and 3rd gas family
Group	1
Max. operation pressure	500 mbar / 50 kPa
Ambient temperature	230V AC, 50 Hz: -15°C... +70°C; Others: -15°C... +60°C
Mounting position	upright, horizontal, not hanging
Gas connection	flanged connections to the safety shut-off device combination type DMV-... or MB...
Electrical data	see models
Electrical data, supply voltage, tolerance	see models
Max. current rating of output terminals	see models
Rated input	see models
Degree of protection VPS 504 S01, S02, S03 VPS 504 S04, S05	IP 40 IP 54
VPS detection limit	≤ 50 dm <sup>3</sup> /h
VPS test volume VPS 504 VPS 508	≤ 4 dm <sup>3</sup> ≥ 1,5 dm <sup>3</sup> / ≤ 8 dm <sup>3</sup>
Program times	
- Operational time VPS 504 VPS 508	32 s 44,5 s
- Leakage testing time VPS 504 VPS 508	26 s 34 s
- Filling / pump time VPS 504 VPS 508	10...26 s 10...34 s

If necessary, possible hazards resulting from external fire or from traffic, wind and earthquake loading shall be examined separately depending on the installation situation of the pressure equipment.