



CERTIFICATE

valid until: 24.07.2033

Type examination (Module B) - production type

Certificate No.:

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-V-M 1750-00/23

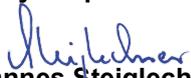
Scope of certification: Multifunctional control
type MBE-S(D)-...R
as safety accessory
models see page 3

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

25.07.2023
(Date of issue)

Verification of Certificate by TÜV SÜD App Verify

TUV SUD BABT Unlimited
Approved Body for pressure equipment


Johannes Steiglechner
Name of certifier

Approved Body 0168
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Details of manufacturer:

Karl Dungs GmbH & Co. KG, Karl-Dungs-Platz 1,



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 certification body. If this certificate expires or is declared invalid it has to be returned to the certification body immediately.

A certificate can be declared invalid or withdrawn by the approved body, if any flaws appear after the examination which were not detectable or not found during the examination, or if the symbol is used for the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 certification body.

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



Page 3 of certificate No. C-IS-TAF-MUC-23-07-2652066-25103353

Basis of examination:

Pressure Equipment Safety Regulations, UKSI 2016:1105 (as amended by UKSI 2019:696)

DIN EN 126:2012-06

Models:

nominal size	type designation	functions	rated voltage
DN 65	MBE-065-S-R-XX MBE-2½L-S-R-XX MBE-065-SD-R-XX MBE-2½L-SD-R-XX	valve, pressure regulator valve, pressure regulator valve, flow adjustment, pressure regulator valve, flow adjustment, pressure regulator	AC 100-240 V, 50/60 Hz; or DC 24 V
DN 80	MBE-080-S-R-XX MBE-3L-S-R-XX MBE-080-SD-R-XX MBE-3L-SD-R-XX	valve, pressure regulator valve, pressure regulator valve, flow adjustment, pressure regulator valve, flow adjustment, pressure regulator	AC 100-240 V, 50/60 Hz; or DC 24 V
DN 100	MBE-100-S-R-XX MBE-4L-S-R-XX MBE-100-SD-R-XX MBE-4L-SD-R-XX	valve, pressure regulator valve, pressure regulator valve, flow adjustment, pressure regulator valve, flow adjustment, pressure regulator	AC 100-240 V, 50/60 Hz; or DC 24 V
DN 125	MBE-125-S-R-XX MBE-5L-S-R-XX MBE-125-SD-R-XX MBE-5L-SD-R-XX	valve, pressure regulator valve, pressure regulator valve, flow adjustment, pressure regulator valve, flow adjustment, pressure regulator	AC 100-240 V, 50/60 Hz; or DC 24 V
DN 150	MBE-150-S-R-XX MBE-6L-S-R-XX MBE-150-SD-R-XX MBE-6L-SD-R-XX	valve, pressure regulator valve, pressure regulator valve, flow adjustment, pressure regulator valve, flow adjustment, pressure regulator	AC 100-240 V, 50/60 Hz; or DC 24 V

Remark 1: The placeholder "XX" in the above designation identifies the type of power supply of the multifunctional control. Either DC voltage (designated VD-R-DC-...) or AC voltage (designated VD-R-AC-...) is possible.

Remark 2: The POC functionality can be combined with any supply voltage (AC or DC) and does not have an effect on other operating functions. The corresponding designation of the multifunctional control is MBE-...-S(D)-R-...-POC.

The regulator function is not a safety function in the sense of Pressure Equipment Safety Regulations, UKSI 2016:1105 (as amended by UKSI 2019:696).

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.



Annex 1 of certificate No. C-IS-TAF-MUC-23-07-2652066-25103353

Components:

valve body MBE-SD...R	valve body MBE-S...R	nominal size, connection
VB-065 VB-2½L	VB-065-S VB-2½L-S	DN 65, flange DN 65, PN 16 DN 65, flange NPS 2½, class 150
VB-080 VB-3L	VB-080-S VB-3L-S	DN 80, flange DN 80, PN 16 DN 80, flange NPS 3, class 150
VB-100 VB-4L	VB-100-S VB-4L-S	DN 100, flange DN 100, PN 16 DN 100, flange NPS 4, class 150
VB-125 VB-5L	VB-125-S VB-5L-S	DN 125, flange DN 125, PN 16 DN 125, flange NPS 5, class 150
VB-150 VB-6L	VB-150-S VB-6L-S	DN 150, flange DN 150, PN 16 DN 150, flange NPS 6, class 150

pressure sensor	limits of the regulator function
PS-10/40	pressure regulator class A, <i>min. inlet pressure 6 mbar / 0,6 kPa,</i> <i>outlet pressure 4 to 100 mbar / 0,4 to 10 kPa,</i> <i>minimum pressure difference 2 mbar / 0,2 kPa</i>
PS-50/200	pressure regulator class A, <i>min. inlet pressure 22 mbar / 2,2 kPa,</i> <i>outlet pressure 20 to 500 mbar / 2 to 50 kPa,</i> <i>minimum pressure difference 2 mbar / 0,2 kPa</i>
PS-0	zero pressure regulator, <i>min. inlet pressure 2 mbar / 0,2 kPa,</i> <i>outlet pressure -5 to +5 mbar / -0,5 to +0,5 kPa,</i> <i>minimum pressure difference 2 mbar / 0,2 kPa</i>