



Product Service

# CERTIFICATE

No. Z10 14 08 22629 003

**Holder of Certificate:** Karl Dungs GmbH & Co. KG  
Siemensstr. 6-10  
73660 Urbach  
GERMANY

**Factory(ies):** 16210

**Certification Mark:**



**Product:** Gas burner  
Control System / Valve Proving System

**Model(s):** MPA 41xx / VPM-xx  
xx - types are listed in report DU83723T

**Parameters:** The report and the user documentation in the current valid revision are mandatory part of this certificate. The certified components are listed in report DU83723T in the current valid revision.

**Tested according to:** DIN EN 61508-1:2011 (up to SIL 3)  
DIN EN 61508-2:2011 (up to SIL 3)  
DIN EN 61508-3:2011 (up to SIL 3)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** C-F 1426-04/14

**Date,** 2014-08-13

  
( Jürgen Blum )



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## 1. Varianten MPA41xx / VPM-XX

Typ / Type *1	Beschreibung / Description	Version	Test-Report	Safety characteristic	Sicherheits-Kennzahlen / Safety properties
MPA41xx	Variante Ionisationseingang	1.1	TM83694T-Rev1.0	SIL3	PFH = $1,8 \times 10^{-9} \text{ h}^{-1}$
MPA41xx	Variante Eingang FLW2 NO *2	1.1	TM83694T-Rev1.0	SIL3	PFH = $1,8 \times 10^{-9} \text{ h}^{-1}$
MPA41xx	Variante UV41 +Ionisationseingang	1.1	TM83694T-Rev1.0	SIL2	PFH = $1,5 \times 10^{-7} \text{ h}^{-1}$
MPA41xx	Variante UV42 +Eingang FLW2 NO	1.1	TM83694T-Rev1.0	SIL2	PFH = $1,5 \times 10^{-7} \text{ h}^{-1}$
MPA41xx	Variante UV4x-EM1/1 (Shutter) +UV41 +Ionisationseingang	1.1	TM83694T-Rev1.0	SIL3	PFH = $3,2 \times 10^{-8} \text{ h}^{-1}$
MPA41xx	Variante UV4x-EM1/1 (Shutter) +UV42 +Eingang FLW2 NO	1.1	TM83694T-Rev1.0	SIL3	PFH = $3,2 \times 10^{-8} \text{ h}^{-1}$
VPM-xx	Ventilprüfsystem VPM-VC Leitungskontrollsystem VPM-LC	1.0	C-F 1466-00/11 C-F 1467-00/11	SIL 2	PFH = $1,3 \times 10^{-8} \text{ h}^{-1}$
MPA4112PF	Variante Ionisationseingang		C-F 1426-04/14	SIL 3	PFH = $1,8 \times 10^{-9} \text{ h}^{-1}$
MPA4112PF	Variante Eingang VCO		C-F 1426-04/14	SIL 3	PFH = $1,8 \times 10^{-9} \text{ h}^{-1}$
MPA4112PF	Variante UV41 +Ionisationseingang		C-F 1426-04/14	SIL 2	PFH = $1,5 \times 10^{-7} \text{ h}^{-1}$

\*1: Varianten MPA 4111, MPA 4112, MPA 4122, VPM-VC, VPM-LC

\*2: Die Werte des Eingangs FLW2 NO gelten auch für die Eingänge FLW2 NC, LDW, TR und Fernentriegelung