

## IZJAVA O SVOJSTVIMA

### Declaration of Performance

prema Uredbi o građevnim proizvodima (EU) br.305/2011  
 According to Construction Products Regulation (EU) No. 305/2011

	<b>Br./No. CPR-63-21-001</b>		
1.	Jedinstvena identifikacijska oznaka vrste proizvoda/ <i>Unique identification code of the product-type:</i> <b>APS-APROSYS *</b>		
2.	Namjena/namjene / <i>Intended use/es:</i> <b>sigurnost od požara/ Fire safety</b>		
3.	Proizvođač/ <i>Manufacturer:</i> <b>g+m elektronik ag; Büerfeld 12; CH-9245 Oberbüren</b>		
4.	Ovlašteni predstavnik / <i>Authorised representative:</i> <b>nije primjenjivo/ not applicable</b>		
5.	Sustav/sustavi za ocjenu i provjeru stalnosti svojstava (AVCP)v / <i>System/s of assessment and verification of constancy of performance:</i> <b>1</b>		
6.a	Usklađena norma / <i>Harmonised standard(s):</i> <b>EN-54-16:2008 EN-54-4:1997 +AC:1999 + A1:2002 + A2:2006</b>  <i>Prijavljeno tijelo/prijavljena tijela / Notified Body/ies:</i> <b>1438 CNBOP-PIB CoC: 1438-CPR-0176</b>		
7.	Objavljena svojstva / <i>Declared performance/s</i>		
	<b>Bitna obilježja</b>	<b>svojstva/</b>	<b>Usklađene tehničke specifikacije; klauzula</b>
	<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonised technical specification/clause</i>
	učinak u slučaju požara	položeno <i>pass</i>	EN 54-16:2008 4, 5, 7, 10, 12, 16.5, 16.6, 16.7
	<i>Performance under fire conditions</i>		
	Odgoda aktivacije (vrijeme aktivacije pri alarmu)	položeno <i>pass</i>	EN 54-16:2008 7.1, 7.4, 7.8, 12
	<i>Response delay time to fire</i>		
	Pogonska pouzdanost	položeno <i>pass</i>	EN 54-16:2008 4, 5, 6, 7, 8, 9, 11, 12, 13, 14
	<i>Operational reliability</i>		
	Trajnost pogonske pouzdanosti, otpornost na temperaturu	položeno <i>pass</i>	EN 54-16:2008 16.4, 16.8
	<i>Durability of operation temperature resistance</i>		
	Trajnost pogonske pouzdanosti, otpornost na vibracije	položeno <i>pass</i>	EN 54-16:2008 16.11, 16.12, 16.13
	<i>Durability of operation impact and vibration resistance</i>		
	Trajnost pogonske pouzdanosti, električna stabilnost	položeno <i>pass</i>	EN 54-16:2008 16.14, 16.15
	<i>Durability of operation electrical stability</i>		
	Trajnost pogonske pouzdanosti, otpornost na vlagu	položeno <i>pass</i>	EN 54-16:2008 16.9, 16.10
	<i>Durability of operation humidity resistance</i>		
	učinkovitost napajanja	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 4, 5, 6
	<i>Performance of power supply</i>		
	Pogonska pouzdanost	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 4, 5, 6, 7, 8
	<i>Operational reliability</i>		

<b>Bitna obilježja</b>	<b>Essential characteristics</b>	<b>svojstva/ Performance</b>	<b>Usklađene tehničke specifikacije; klauzula Harmonised technical specification/clause</b>
Trajnost pogonske pouzdanosti, otpornost na temperature	<i>Durability of operation temperature resistance</i>	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 9.5
Trajnost pogonske pouzdanosti, otpornost na vibracijet	<i>Durability of operation impact and vibration resistance</i>	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 9.7, 9.8, 9.15
Trajnost pogonske pouzdanosti, električna stabilnost	<i>Durability of operation electrical stability</i>	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 9.9
Trajnost pogonske pouzdanosti, otpornost na vlagu	<i>Durability of operation humidity resistance</i>	položeno <i>pass</i>	EN-54-4:1997+AC:1999+ + A1:2002 + A2:2006 9.6, 9.14

<b>opcije sa zahtjevima</b>	<b>Optional functions with requirements</b>	<b>Usklađene tehničke specifikacije; klauzula Harmonised technical specification/clause</b>
zvučno upozorenje	<i>Audible Warning</i>	EN 54-16:2008 7.3
odgađanje unošenja stanja glasovnog alarma	<i>Delays to entering the voice alarm condition</i>	EN 54-16:2008 7.4
faza evakuacije	<i>Phased evacuation</i>	EN 54-16:2008 7.5
ručno utišavanje stanja glasovnog alarma	<i>Manual silencing of the voice alarm condition</i>	EN 54-16:2008 7.6.2
ručno resetiranje stanja glasovnog alarma	<i>Manual reset of the voice alarm condition</i>	EN 54-16:2008 7.7.2
	<i>Output to fire alarm devices</i>	EN 54-16:2008 7.8
izlaz stanja glasovnog alarma	<i>Voice alarm condition output</i>	EN 54-16:2008 7.9
indikacija grešaka povezana sa transmisijskom putanjom za upravljačku i indikacijsku opremu	<i>Indication of faults related to the transmission path to the CIE</i>	EN 54-16:2008 8.3
indikacija grešaka povezana sa zonama glasovnog alarma	<i>Indication of faults related to voice alarm zones</i>	EN 54-16:2008 8.4
	<i>Disablement condition</i>	EN 54-16:2008 9
ručna kontrola glasovnog alarma	<i>Voice alarm manual control</i>	EN 54-16:2008 10
sučelje za vanjski upravljački uređaj/vanjske upravljačke uređaje	<i>Interface to external control device(s)</i>	EN 54-16:2008 11
hitni mikrofoni/i	<i>Emergency microphone(s)</i>	EN 54-16:2008 12
redundantna pojačala snage	<i>Redundant power amplifiers</i>	EN 54-16:2008 13, 14


Prije utvrđeno svojstvo proizvoda u skladu je s objavljenim svojstvima /  
 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration  
 of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility  
 of the manufacturer identified above.

Ova izjava o svojstvima je dostupna na internetu / *This declaration of performance is available on the internet:*  
[www.gm-elektronik.swiss/](http://www.gm-elektronik.swiss/)

Za proizvođača i u njegovo ime potpisao / *Signed for and on behalf of the manufacturer by:*

Firma / *Company*  
 g+m elektronik ag  
 CH-Oberbüren, 29.04.2019

  
 Jörg Ammann  
 CEO

  
 Roland Voraberger  
 Compliance Officer

## Anhang/ Annex:

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Product code	Description	Reference standards
BO-CD-50-EV, BO-CD-100-EV, BO-CD-150-EV, BO-CD-250-EV, BO-CD-50-2-EV, BO-CD-100-2-EV, BO-CD-150-2-EV, BO-CD-250-2-EV, BO-CD-500-EV, BO-CD-100-4-EV-AX, BO-CD-100-4-EVLD, BO-CD-200-4-EV-AX	<i>Amplifiers</i>	EN 54
EV-NL 3xx, APS-3xx.1-EV, APS-3xx.2-3AL-EV, GM-FWS-3033-BOX, GM-FWS-3033-UP, Monacor DH-95N	<i>Microphone consoles/ Emergency Microphones</i>	EN 54
APS-01, APS-01-EV, APS-03, APS-04, APS-12.1, APS-16.2, APS-16.2-XLR, APS-16.2D, APS-16-LAN, APS-16.3-D2, APS-16.2-D4, APS-18.3, APS-40.1, APS-30.1, APS-31.1, APS- 31.2, APS-62.1, APS-64.1, APS-74.1, APS-75, APS-75-EV, APS-60, APS-50.1, APS-52, APS-56.1-NL, APS-19.2, APS-24.2, APS-59, APS-59.1-LAN, APS-59.1-SEC, APS-59.2-LAN, APS-37, APS-46.1-EQ-RC, APS-177.2-LAN, APS-178.1-6-EV, APS-178.1-16-EV, APS-178.1-32-EV, APS-180-Loop, APS-990, APS-151.1, APS-53-SEC, APS-54.1, MC-03	<i>Modules</i>	EN 54
EDS-405A-MM-S.C., MOXA EDS-G509+SFP-1GLXLC, GM-713x	<i>accessories</i>	EN 54
ZPAS – SZB IT 19” 600 x 600mm: 24U, 42U, 45U 600x800mm: 24U, 42U Schneider Electric 600 x 600mm: 24U, 33U, 38U, 42U	<i>Cabinets</i>	EN 54