



# EVPU<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0405 Rev.4

In compliance with the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

### Voice alarm control and indicating equipment Variodyn<sup>®</sup> D1 + Comprio

For specifications see Annex

produced by

**Novar GmbH**

**Dieselstrasse 2, D-41469 Neuss, Germany**

and produced in the manufacturing plant

**Novar GmbH**

**Dieselstrasse 2, D-41469 Neuss, Germany**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

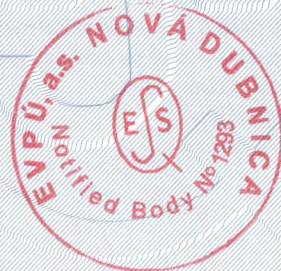
**EN 54-16: 2008, EN 54-4: 1997/A2: 2006/AC: 1999**

under system 1 are applied and that

**the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on July 16<sup>th</sup>, 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, July 16<sup>th</sup>, 2015



Marek H u d á k  
Director NB



Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.

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Technical Specifications

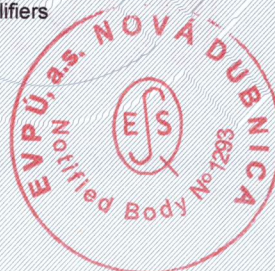
Voice alarm control and indicating equipment consisted of the following components

583362.22	DOM 4-24	584961	Housing for one FW- Call station DCSF
583361.22	DOM 4-8	584962	Housing for two FW- Call station DCSF
583381.22	SCU	583944	Comprio 4-8 net
583381.31	SCU	583945	Comprio 4-24 net
583331.21	UIM	583940	Comprio 4-8 stand alone
583371.21	MSU	583941	Comprio 4-24 stand alone
583351	VCM	584913	19" Rack for VARIODYN D1 Comprio 12 HU
580221.41	Amplifier 2XH250	583308	Handheld Microphone for Comprio KMC-21
580222.41	Amplifier 2XH500	584900	Upright cabinet with hinged frame 24U
580231	Amplifier 2XD250	584901	Upright cabinet with hinged frame 40U
580232	Amplifier 2XD400	584902	Upright cabinet with hinged frame 24U
580242	Amplifier 4XD125B with battery charger	584903	Upright cabinet with hinged frame 40U
580243	Amplifier 4XD250B with battery charger	584910	Upright cabinet without hinged frame 26U
580248	Amplifier 4XD300	584911	Upright cabinet without hinged frame 42U
580249	Amplifier 4XD500	583301.21	Digital call station DCS15
583392	LWL Switch for Ethernet link	583302.21	Digital call station DCS2
583393	LWL Switch for Ethernet link	583708.ES	Ventilation field 1HE
581721	Emergency Power Supply SLAT 24V/150A	583708.HO	Ventilation field 1HE
581725	Power supply unit PSU 24V-4 net	583708.AV	Ventilation field 1HE
581723	Power supply unit PSU 24V-4	583708.NO	Ventilation field 1HE
581724	Power supply unit PSU 24V-2 net	583708.GE	Ventilation field 1HE
581722	Power supply unit PSU 24V-2	583708.SI	Ventilation field 1HE
583307	Wall Jack for Communication Unit DCS	584920	Upright cabinet SZB 19"
583316.21	LWL Converter OIM	583501.RE	Redundant digital call station DCS15 RE
583317.21	LWL Converter DCS	583502.RE	Redundant digital call station DCS2 RE
583315.02	Power Supply for LWL Converter	583503.RE	Redundant fire brigade digital call station DCSF12 RE
583316.SM	LWL Converter OIM	583504.RE	Redundant fire brigade digital call station DCSF1 RE
583317.SM	LWL Converter DCS	583506	Digital key module for redundant call stations DKM18
583387.21	Time Control Module (GPS)	584100	DR M 4P 255
583341.21	CIM	584101	DR M 2P 150 FM
584932	Fan Cartridge	584102	DPA M CLE RJ45B 48
583332	Surge protection module for UIM	583505.RE	Redundant fire brigade digital call station DCSF7 RE
583306.21	Digital key module DKM18	581730	Backup battery BTL 12-105F
583303.21	Fire brigade digital call station DCSF12	581731	Backup battery BTL 12-150F
583304.21	Fire brigade digital call station DCSF1	581732	Backup battery SB 12-65
583305.21	Fire brigade digital call station DCSF7		
583386.21	I <sup>2</sup> C - RS232 Adapter		
583496	EOL Module		
583312	Installation Kit for DCS		

List of optional functions with requirements included in the VACIE

EN 54-16

7.3	Audible warning
7.4	Delays to entering the voice alarm condition
7.5	Phased evacuation
7.6.2	Manual silencing of the voice alarm condition
7.7.2	Manual reset of the voice alarm condition
7.8	Output to fire alarm devices
7.9	Voice alarm condition output
8.3	Indication of faults related to the transmission path to the CIE
8.4	Indication of faults related to voice alarm zones
10	Voice alarm manual control
12	Emergency microphone(s)
13.14	Redundant power amplifiers





**Annex to Certificate No. 1293 - CPR – 0405 Rev.4 from July 16<sup>th</sup>, 2015**

**Products parameters:**

Essential characteristics	Test specification	Harmonised technical specifications	Performance
Performance under fire conditions	cl. 4, 5, 7, 10, 12, 16.5, 16.6, 16.7	EN 54-16:2008	P
Response delay (response time to fire)	cl. 7.1, 7.4, 7.8, 12	EN 54-16:2008	P
Performance of power supply	cl. 4, 5, 6	EN 54-4:97/A2:06/AC:99	P
Operational reliability	cl. 4, 5, 6, 7, 8, 12, 13, 14 cl. 4, 5, 6, 7, 8	EN 54-16:2008 EN 54-4:97/A2:06/AC:99	P
Durability of operational reliability and response delay: temperature resistance	cl. 16.4, 16.8 cl. 9.5	EN 54-16:2008 EN 54-4:97/A2:06/AC:99	P
Durability of operational reliability: Impact and vibration resistance	cl. 16.11, 16.12, 16.13 cl. 9.7, 9.8, 9.15	EN 54-16:2008 EN 54-4:97/A2:06/AC:99	P
Durability of operational reliability: electrical stability	cl. 16.14, 16.15 cl. 9.9	EN 54-16:2008 EN 54-4:97/A2:06/AC:99	P
Durability of operational reliability: humidity resistance	cl. 16.9, 16.10 cl. 9.6, 9.14	EN 54-16:2008 EN 54-4:97/A2:06/AC:99	P

**History of certification**

No.	Certificate No.	Description	Date
1	1293-CPR-0405	Original certificate issued	April 14 <sup>th</sup> , 2014
2	1293-CPR-0405 Rev.1	Added new components	June 24 <sup>th</sup> , 2014
3	1293-CPR-0405 Rev.2	Added new components	September 18 <sup>th</sup> , 2014
4	1293-CPR-0405 Rev.3	Rename component and added new components	April 24 <sup>th</sup> , 2015
5	1293-CPR-0405 Rev.4	Added new component	July 16 <sup>th</sup> , 2015

Nová Dubnica, July 16<sup>th</sup>, 2015



Marek Hudák  
Director NB

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