NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0615

In compliance with *Regulation (EU) No 305/2011 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

Ionization smoke detector MHG 162

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

LITES Liberec s.r.o., Oblouková 135, 463 03 Stráž nad Nisou, Czech Republic

and produced in the manufacturing plant

LITES Liberec s.r.o., Kateřinská 235, 463 03 Stráž nad Nisou, Czech Republic

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

EN 54-7:2000
EN 54-7:2000/A1:2002
EN 54-7:2000/A2:2006

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on October 12th, 2018 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

EVPÚ, a.s. NOVÁ DUBNICA Notified Body No. 1293

Nová Dubnica, October 12th, 2018

Marek H u d á k
Director NB

053339

Annex to Certificate No. 1293 - CPR –0615 from October 12th, 2018

General information

Interactive addressable ionization smoke detector MHG 162 is intended for cooperation with both addressable and conventional fire alarm panels LITES for automatic detection of fire rising.

Technical Specifications

Supply voltage (addressable system)	20 (+1 Vimp, -3 Vimp)
Supply voltage (non - addressable system)	(16 ÷ 24) VDC
Nominal supply voltage (non - addressable system)	21.5 VDC
Sensitivity to smoke (EN 54-7)	y=0.44 to 0.66 (set by SW)
Degree of protection	IP43 (operating position)
Temperature range	-25°C to +60°C
Max humidity	95% at 40°C
Dimensions	Φ98 mm x 58 mm
Weight	~ 120 g

Essential characteritics	Test specification	Harmonised technical specifications	Performance
Nominal activation conditions / Sensitivity, response delay (response rime) and Performance under fire conditions	cl. 4.8, 5.2, 5.3, 5.4, 5.6, 5.7=N/A, 5.18	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Operational reliability	cl. 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.9 to 4.11	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Tolerance to supply voltage	cl. 5.5	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.8, 5.9	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Durability of operational reliability: vibration resistance	cl. 5.13 to 5.16	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Durability of operational reliability: corrosion resistance	cl. 5.12	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass
Durability of operational reliability: electrical stability	cl. 5.17	EN 54-7:2000 EN 54-7:2000/A1:2002 EN 54-7: 2000/A2: 2006	Pass

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Nová Dubnica, October 12th, 2018

Marek H u d á k
Director NB