



# EVPÚ

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0487

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

**Optical beam smoke detector MHG 664**

For specifications see Annex

produced by

**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 and the performances described in Annex ZA of the standard

**EN 54-12:2002**

under system 1 are applied and that

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

This certificate was first issued on April 23, 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, April 23, 2015

Marek Hudák  
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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## Annex to Certificate No. 1293 - CPR - 0487 from April 23, 2015

Beam smoke detector MHG 664 is intended for the automatic fire alarm signalling as a smoke detector in the analogue and addressable Fire Detection and Fire Alarm System LITES Liberec s.r.o.. It serves to indication of incipient fire on principle of attenuation of beam of infrared radiation by smoke particles; it is placed in the place of the occurrence and concentration of smoke. Beam smoke detector MHG 664 is reflective. To each detector is connected indicating preparation MHY 740, which is used to setting and to checking through the setting preparation MHY 538 and to indication of an alarm condition of detector.

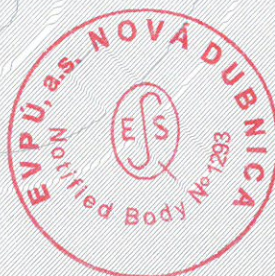
Input voltage: Addressable mode, supplied from LITES fire alarm panel  
Conventional mode 10÷24 Vdc

Any particular conditions applicable to the use of the product and technical specifications, possible hardware configurations environment, electrical characteristics are shown in the manual MHG 664 version 1/2015.

### Products parameters:

| Essential characteristics                                     | Performance | Harmonised technical specifications               |
|---------------------------------------------------------------|-------------|---------------------------------------------------|
|                                                               |             | EN 54-12:2002                                     |
| Nominal activation conditions / Sensitivity                   | Pass        | cl. 4.5, 4.8, 4.10, 5.2, 5.4, 5.7, 5.8, 5.9, 5.10 |
| Response delay (response time)                                | Pass        | cl. 5.3, 5.6                                      |
| Operational reliability                                       | Pass        | cl. 4.3, 4.4, 4.6, 5.16, 5.18, 4.9                |
| Tolerance to supply voltage                                   | Pass        | cl. 5.5                                           |
| Performance parameters under fire conditions                  | Pass        | cl. 4.2                                           |
| Durability of operational reliability: temperature resistance | Pass        | cl. 5.11, 5.12                                    |
| Durability of operational reliability: vibration resistance   | Pass        | cl. 5.15                                          |
| Durability of operational reliability: humidity resistance    | Pass        | cl. 5.13, 5.14                                    |
| Durability of operational reliability: corrosion resistance   | Pass        | cl. 5.17                                          |

Nová Dubnica, April 23, 2015



Marek Hudák  
Director NO