

Declaration of Manufacturer

“Photobiological safety of photoelectric sensors”

We manufacturer

CARLO GAVAZZI INDUSTRI A/S,
Over Hadstenevej 40, DK-8370 Hadsten, Denmark. Tel. +45 89606100

declare that the photoelectric sensor with light from non-coherent beam sources (such as LEDs)

PA12B1T20

is evaluated in accordance with, and meet the requirement of the international standard.

EN 62471:2008 (IEC 62471:2006, modified)
Photobiological safety of lamps and lamp systems.

- | | | |
|-------------------------------------|------------------------------|--|
| <input checked="" type="checkbox"/> | Exempt group: | In the context of criteria set by the standard, the lamp (sensor) does not present any photobiological risk. |
| <input type="checkbox"/> | Risk group 1 (Low-Risk) | The lamp (Sensor) does not present any risk relating to the user exhibiting normal behavior during use. |
| <input type="checkbox"/> | Risk Group 2 (Moderate-Risk) | The lamp (Sensor) does not present any risk relating to aversion response from bright light sources or thermal discomfort. |
| <input type="checkbox"/> | Risk Group 3 (High-Risk) | The lamp (sensor) represents a risk even in case of momentary or temporary exposure |

Manufacturer and Document Authority

Place/date Hadsten, February 05, 2025

Signature



Name

Luigi Cascavilla
(Managing Director)

