CARLO GAVAZZI
Automation Components

CARLO GAVAZZI

Issue No.: 20250205

# Declaration of Manufacturer

**"Photobiological safety of photoelectric sensors"**

We manufacturer

**CARLO GAVAZZI INDUSTRI A/S,**

**Over Hadstenvej 40, DK-8370 Hadsten, Denmark. Tel. +45 89606100**

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

**PC50CNT20BM1**

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.**

| | | |
|---|---|---|
| ☒ | Exempt group: | In the context of criteria set by the standard, the lamp (sensor) does not present any photobiological risk. |
| ☐ | Risk group 1 (Low-Risk) | The lamp (Sensor) does not present any risk relating to the user exhibiting normal behavior during use. |
| ☐ | Risk Group 2 (Moderate-Risk) | The lamp (Sensor) does not present any risk relating to aversion response from bright light sources or thermal discomfort. |
| ☐ | 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)

MS CERT
ISO 9001 / ISO 14001
www.mscertification.net