CERTIFICADO ◆ 인증서 ◆ CERTIFICATO ◆ 認証書 ◆ CERTIFICATE ◆ 认证证书 ◆ ZERTIFIKAT

EU-Type Examination Certificate

No. M6R 070800 0113 Rev. 00

Manufacturer: **Datasensing S.r.l.** Strada S. Caterina, 235
41122 Modena
ITALY

Product: **Electro-Sensitive Protective Equipment Evaluation Unit for Photoelectricsafety sensors**

Model(s): **SG-BWS-T4 (-2), SG-BWS-T4 (-2) -MT**

Parameters:

Supply Voltage:	24Vdc±15%
Power Consumption:	2.1W (SG-BWS-T4-(2)) 3.8W (SG-BWS-T4-(2)-MT)
Response Time:	29ms (SG-BWS-T4) 35ms (SG-BWS-T4-MT) 33ms (SG-BWS-T4-2) 39ms (SG-BWS-T4-2-MT)
Output:	3.6A (Relay) 0.5A (PNP)
Operating temperature:	0…+55°C
Storage temperature:	-25…+70°C

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met.

This EU-type examination certificate is issued based on Machinery Regulation (EU) 2023/1230 Article 25 (2) (a) respectively Article 25 (3) (b) and confirms compliance with the applicable essential health and safety requirements for the above mentioned Annex I (Part A or Part B) machinery or related product. The test basis are the referenced (harmonized) standards as well as common and technical specifications (if applicable).
This EU-type examination certificate refers exclusively to the machinery or related product presented to TÜV SÜD Group for testing and certification and its technical documentation.
For further details please see: www.tuvsud.com/ps-cert

Test report no.: DM107697C

Valid until: 2031-10-19

Date, 2026-10-20

(Christian Dirmeier)

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Tested according to harmonised standard(s):	-/-
Common specification(s):	-/-
Other technical specifications:	EN IEC 61496-1:2020 (Type 4) EN IEC 61496-2:2020 (Type 4) EN ISO 13849-1:2023 (Cat. 4, PL e) EN 61508-1:2010 (SIL 3) EN 61508-2:2010 (SIL 3) EN 61508-3:2010 (SIL 3) EN IEC 62061:2021+A1:2024 (maximum SIL3)

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