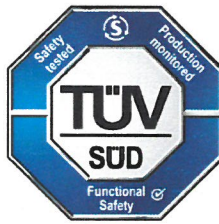




No. Z10 039656 0347 Rev. 01

Holder of Certificate: **Omron Corporation**
Shiokoji Horikawa, Shimogyo-ku
Kyoto
600-8530 JAPAN

Certification Mark:



Product: **Electro-Sensitive Protective Equipment
AOPD (Type 4)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 717517660

Valid until: 2025-08-02

Date, 2020-08-03

(Gert Effenberger)



Product Service

CERTIFICATE

No. Z10 039656 0347 Rev. 01

VI. Detection capability

14: 14 mm
25: 25 mm
45: 45 mm
85: 85 mm

VII. Emitter or receiver

Blank: Set of emitter and receiver
L: Emitter
D: Receiver

VIII. Additional suffix

Blank: Standard type
Additional letter(s), number(s), and/or dash : The following specification changes are indicated by this additional suffix.

- 1) With cable or without cable
- 2) Factory settings of the selectable functions
- 3) Appearance of the enclosure, and/or additional markings
- 4) Packaging style and/or contained accessories
- 5) Name of the indicators, inputs, and/or outputs
- 6) With IP69K case
- 7) Just Fit model
- 8) With bracket or without bracket
- 9) Combination of above

F3SG - 4 x x xxxx - x x - x - xxx
I II III IV V VI VII VIII IX

I. Product classification

F3SG: F3SG series

II. Type classification

4: Type 4 ESPE / AOPD

III. Model classification

PG: Safety Multi Beam Sensor

IV. Sub model classification

A: Advanced
B: Standard

V. Product length (PL)

4 figures from 0670 to 1370

PL is calculated with the following formula.

Number of beams is 2: $PL (mm) = (Number\ of\ beams - 1) \times 500 + 170$

Number of beams is 3: $PL (mm) = (Number\ of\ beams - 1) \times 400 + 170$

Number of beams is 4: $PL (mm) = (Number\ of\ beams - 1) \times 300 + 170$
or $(Number\ of\ beams - 1) \times 400 + 170$

VI. Number of beams

Page 3 of 4

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TÜV®



Product Service

CERTIFICATE

No. Z10 039656 0347 Rev. 01

2: 2 beams

3: 3 beams

4: 4 beams

VII. Type classification

A: Active-Active short range

L: Active-Active long range

C: Active-Passive

VIII. Emitter or receiver

Blank: Set of emitter and receiver (In case of column VII is "A" or "L")
or set of emitter/receiver and passive mirror (In case of column VII is "C")

L: Emitter

D: Receiver

LD: Emitter/Receiver

M: Passive mirror

IX. Additional suffix

Blank: Standard type

Additional letter(s), number(s), and/or dash: The following specification changes are indicated by this additional suffix.

- 1) With cable or without cable
- 2) Factory settings of the selectable functions (See section 3)
- 3) Appearance of the enclosure, and/or additional markings
- 4) Packaging style and/or contained accessories
- 5) Name of the indicators, inputs, and/or outputs
- 6) With IP69K case
- 7) With bracket or without bracket
- 8) Combination above

Optional accessory for communication with light curtain F3SG series and read/write setting information

F39-SGIT x

I II

where

I. Product classification

F39-SGIT: Intelligent Tap

II. Additional suffix

Blank: Standard type

-IL3: IO-Link(COM3) is supported

Zertifizierungsvertrag

Grundlage für die Zertifikatserteilung ist die Prüf- und Zertifizierungsordnung von TÜV SÜD Product Service.

Mit Erhalt des Zertifikates erkennt der Zertifikatsinhaber die jeweils gültige Fassung der Prüf- und Zertifizierungsordnung an (www.tuev-sued.de/ps_regulations) und wird somit Partner im Zertifiziersystem von TÜV SÜD Product Service.

Prinzipielle Voraussetzung für die Gültigkeit des Zertifikates:

- Gültigkeit der zitierten normativen Prüfgrundlage(n) ist gegeben und zusätzlich bei Zertifikaten mit Berechtigung zur Verwendung eines Prüfzeichens bzw. bei Zertifikaten für QM-Systeme:
- Voraussetzungen für vorschriftsmäßige Fertigung werden eingehalten.
- Die Fertigungs- bzw. Betriebsstätten werden regelmäßig überwacht.

Certification contract

Certification is based on the TÜV SÜD Product Service Testing and Certification Regulations. On receipt of the certificate the certificate holder agrees to the current version of the Testing and Certification Regulations (www.tuv-sud.com/ps_regulations) and thus becomes partner in the TÜV SÜD Product Service Certification System.

Requirements for the validity of the certificate in principle:

- Validity of the quoted test standard(s) In addition, for certificates with the right to use a certification mark and for QM certificates:
- Conditions for an adequate manufacturing are maintained
- Regular surveillance of the facility is performed

认证合约

认证基于 TÜV SÜD 产品服务《测试及认证准则》。获得证书即表明证书持有者接受当前版本的《测试及认证准则》（见 www.tuv-sud.com/ps_regulations）并成为 TÜV SÜD 产品服务认证系统内的合作伙伴。

维持证书有效性的原则要求：

- 认证所依据标准的有效性
- 此外，对于授权可使用认证标志的证书和质量管理体系证书：
- 保持充分的生产条件
 - 生产场地通过定期的监督

認証契約

認証は TÜV SÜD Product Service の試験認証規約に基づく。認証書保持者は認証書を受領することにより最新の試験認証規約(www.tuv-sud.com/ps_regulations)に同意したものとする。その結果、TÜV SÜD Product Service 認証システムのパートナーとなる。

認証書の有効性に関する原則的な要求事項

- 引用している試験規格が有効である
- さらに認証マークの使用を許諾された認証書や品質マネジメント認証書は：
- 適切な製造の条件を維持している
 - 定期的な工場監査を実施している

Contrato de certificação

A certificação se baseia nos Regulamentos de Testes e Certificação do Grupo TÜV SÜD. Ao receber o certificado, o Fornecedor, titular do certificado concorda com a versão atual dos Regulamentos de Testes e Certificação do Grupo TÜV SÜD (www.tuv-sud.com/ps_regulations) e assim, torna-se parceiro no Sistema de Certificação de Produtos e Serviços TÜV SÜD.

Requisitos para a validade do certificado (em princípio):

- Validade da(s) norma(s) de ensaio(s) referenciada(s).
- Adicionalmente, para os certificados com o direito ao uso da marca de certificação e para certificados de SG:
- Condições de fabricação adequada estão mantidas.
 - Auditoria de monitoração realizada regularmente.