



EC DECLARATION OF CONFORMITY

We hereby declare that the following product is in conformity with requirements of the following EC Directives:

Product: SAFETY LIGHT CURTAIN
Types: F3S-TGR-CL (refer to appending list of models)

Title and No. of Directive: **EMC Directive:** 2004/108/EC
Machinery Directive: 2006/42/EC

YEAR CE MARK AFFIXED: 2012

These products are designed and manufactured in accordance with the following standards:

Safety of machinery:	Electro sensitive protective equipment Active opto-electronic protective devices Safety related part of control systems	EN 61496-1/AC:2010 IEC 61496-2:2006 EN ISO 13849-1:2008 PI e, Cat 4
Functional safety:	of electrical/electronic/programmable electronic safety related control system	EN 61508 part 1 to 4:2001 SIL 3
Electromagnetic immunity:	Electro sensitive protective equipment	EN 61496-1/AC:2010

Description of Product:

The F3S-TGR-CL series are electro-sensitive protective equipment designed specifically to detect persons in order to ensure their safety.

F3S-TGR-CL4_ models are ESPE type 4 according to EN61946-1/AC:2010 and AOPD Type 4 according to IEC61496-2:2006 and can be used as a safeguard for personnel protection at machinery and other hazardous areas, which require safeguards according to Cat 4 and "PL e" according to EN ISO13849-1:2008.

F3S-TGR-CL2_ models are ESPE type 2 according to EN61946-1/AC:2010 and AOPD Type 2 according to IEC61496-2:2006 and can be used as a safeguard for personnel protection at machinery and other hazardous areas, which require safeguards according to Cat 2 and "PL d" according to EN ISO13849-1:2008.

Product covered:

Model name F3S-TGR-CL covers a family of products. Refer to the technical report for available models.

Certificate:

Machinery Directive Certificate for EC Type examination
 Notified body: TÜV SÜD Product Service GmbH, Notified body EC Commission no. 0123
 Address: Ridlerstr. 65, 80339 München, Germany

Responsible person for documentation:

J.J.P.W. Vogelaar Omron Europe B.V.
 Zilverenberg 2, 5234 GM, 's-Hertogenbosch, The Netherlands

Manufacturer

Omron Electronics
 Manufacturing of Germany GmbH
 Carl-Benz-Strasse 4
 71154 Nufringen
 Germany

Date: 15/05/2012

J.J.P.W. Vogelaar

Name and address of the representative in the EU

Omron Europe B.V.

Wegalaan 67-69
 2132 JD Hoofddorp
 The Netherlands


 European Quality&Environment Operations Manager



F3S-TGR-CL Series list of models

Amendment-A: as of May 15th, 2012

Product	Type
F3S-TGR-CL4x-014-xxx	014mm (finger) protection Safety Light curtain, Type 4
F3S-TGR-CL4x-035-xxx	035mm (hand) protection Safety Light curtain, Type 4
F3S-TGR-CL4x-070-xxx	070mm (body) protection Safety light curtain, Type 4
F3S-TGR-CL4x-Kxx-xxx	Body protection Safety light curtain emitter-receiver set-up, Type 4
F3S-TGR-CL4x-KxC-xxx	Body protection Safety light curtain emitter-receiver on same housing plus passive part, Type 4
F3S-TGR-CL2x-014-xxx	014mm (finger) protection Safety Light curtain , Type 2
F3S-TGR-CL2x-035-xxx	035mm (hand) protection Safety Light curtain, Type 2
F3S-TGR-CL2x-070-xxx	070 mm (body) protection Safety Light curtain, Type 2
F3S-TGR-CL2x-Kxx-xxx	Body protection Safety light curtain emitter-receiver set-up, Type 2
F3S-TGR-CL2x-KxC-xxx	Body protection Safety light curtain emitter-receiver on same housing plus passive part, Type 2