Declaration of Conformity

CE 1725

Manufacturer:	**Banner Engineering Corp.**
Address:	**9714 10th. Ave. N.** **Minneapolis, MN 55441, USA**
Herewith declares that:	SGS-Safety Light Curtain Series (Type 4)
– is in conformity with the provisions of the following Directives:	Machinery Directive 2006/42/EC
and that:	EN 61469-1 EN 61496-2 EN ISO 13849-1 EN 61508-1 EN 61508-2 EN 61508-3 EN 61508-4 EN 62061
– the following (parts/clauses of) harmonized standards, national technical standards and specifications have been used:	
EU Notified Body:	TUV SUD Product Service GmbH Zertifizierstelle Ridlerstrasse 65 80339 Muenchen, Germany Certificate No.: Z10 17 12 27270 022

For specific models, covered under this DOC, see attached Schedule(s).

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

John McMahon

John McMahon
Manager of New Product Regulatory Compliance

03 / 21 / 2018 — **MM/DD/YEAR**

Minneapolis, MN, USA — **Place**

Peter Mertens

Peter Mertens / Managing Director Banner Engineering Belgium BVBA
Park Lane, Culliganlaan 2F
1831 Diegem, Belgium

03 / 21 / 2018 — **MM/DD/YEAR**

Diegem, Belgium — **Place**

Document ID: 205951 **Rev:** -

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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Attached Schedule — Schedule 1 of 1

The following models were added to this DOC on: 03 / 21 / 2018 (MM/DD/YEAR)

Emitter/Receiver Models

SGS x Px - xQ x 8
(A) (B) (C) (D) (E) (F)

(A) Series = SGS
(B) Version:
S: Base Model, short range
X: Base Model, long range
M: Muting Model
(C): Number of Beams
Can be: 2,3,4
(E): Version:
8: Base Model
12: Muting Model
(F): Output 2
8: RX/TX

Reflector Passive

SGS B x - x
(A) (B) (C) (D)

(A) Series = SGS
(B) Version:
B: Reflector
(C) Number of Beams:
Can be: 2,3,4
(D) Beam Spacing (in mm):
Can be: 300, 400, 500

Active/Passive Models

SGS A x - xQ x
(A) (B) (C) (D) (E)

(A) Series = SGS
(B) Version:
SA: Reflector Active
MA: Reflector Active with muting
(C) Number of Beams:
2,3,4
(D) Beam Spacing (in mm)
Can be: 300,400,500
(E) Version;
8: Base Model
12: Muting Model

All models have been tested and conform to the following Harmonized Standards and the specific Edition/Year thereof:

Harmonized Standard	Edition/Year
EN 61469-1	2013
EN 61496-2	2013
EN ISO 13849-1	2015 (Cat.4, PL e)
EN 61508-1	2010 (SIL3)
EN 61508-2	2010 (SIL3)
EN 61508-3	2010 (SIL3)
EN 61508-4	2010 (SIL3)
EN 62061	2015 (SIL CL3)