



Doc No.

D1B062

## EU Declaration of Conformity

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**Identification of the Product**

Miniature Photoelectric Switch

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**Name and address of Manufacturer**

IDEC CORPORATION  
2-6-64 Nishimiyahara, Yodogawa-Ku,  
Osaka 532-0004 Japan

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**Name and address of the authorized representative :**

IDEC ELEKTROTECHNIK GmbH  
Heseltuecken 8, 22453 Hamburg, Germany

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**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

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**Object of the declaration :**

Series Name – SA1E Series  
Model No. – Details are as per attached sheet

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**The object of the declaration described above is in conformity with the relevant EU harmonization legislation :**

2014/30/EU

Electromagnetic Compatibility Directive

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**Applied Union harmonized legislation and references to the relevant harmonization standards used or references the other technical specifications in relation to which conformity is declared.**

EN 60947-5-2: 2007/A1:2012

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**Where applicable, the notified body**

**Additional Information :**

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**Signed for and on behalf of the above named manufacturer :**

Place and date of issue :

Japan, 20 April, 2016

Name, function :

Atsushi Matsumoto, Executive Officer,  
Quality Assurance Center

Signature :

*Atsushi Matsumoto*



SA1E Series

<u>SA1E</u>	-	<u>T</u>	<u>N</u>	<u>1</u>	<u>C</u>	<u>P</u>	<u>-NA</u>	<u>-*****</u>
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)



(1) Series SA1E

(2) Detection Mode

- T: Through-Beam (Infrared LED Type)
- TA: Through-Beam (Red LED Type)
- P: Polarized Retro-reflective
- D: Diffuse-reflective
- N: Small-Beam Reflective
- B: Background Suppression
- G: Convergent Reflective

(3) Control Output

- N: NPN
- P: PNP

(4) Operation Model

- 1: Light On
- 2: Dark On

(5) Connection

- C: M8 Connector (Output: Pin No. 4)
- C2: M8 Connector (Output: Pin No. 2)
- C3: M8 Connector (3 pin)

(6) (Only for Through-Beam Type)

- P: Projector
- R: Receiver

(7) Sensitivity Adjustment

- None: With Adjustment
- NA: Without Adjustment

(Only for Through-Beam Type and Polarized Retro-reflective Type)

(8) Manufacturer's control code (may be followed)

\*\*\*\*\*: Additional letters and/or numbers



**(For Cable Type)**

<u>SA1E</u>	-	<u>T</u>	<u>N</u>	<u>1</u>	<u>P</u>	<u>-NA</u>	<u>-2M</u>	<u>*****</u>
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)

- (1) Series SA1E
- (2) Detection Mode
  - T: Through-Beam (Infrared LED Type)
  - TA: Through-Beam (Red LED Type)
  - P: Polarized Retro-reflective
  - D: Diffuse-reflective
  - N: Small-Beam Reflective
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  - G: Convergent Reflective
- (3) Control Output
  - N: NPN
  - P: PNP
- (4) Operation Model
  - 1: Light On
  - 2: Dark On
- (5) (Only for Through-Beam Type)
  - P: Projector
  - R: Receiver
- (6).Sensitivity Adjustment
  - None: With Adjustment
  - NA: Without Adjustment
 (Only for Through-Beam Type and Polarized Retro-reflective Type)
- (7) Connection
  - None: Cable 1 m
  - \*M : length of cable (\*: any digit or number 0 to 10 to designate the cable length)
- (8) Manufacturer's control code (may be followed)
  - \*\*\*\*\*: Additional letters and/or numbers

**SA1E-X Series**

<u>SA1E-X</u>	<u>N</u>	<u>1</u>	<u>C</u>	<u>*****</u>
(1)	(2)	(3)	(4)	(5)

- (1) Series SA1E-X
- (2) Control Output
  - N: NPN
  - P: PNP
- (3) Operation Model
  - 1: Light On
  - 2: Dark On
- (4) Connection
  - None: Cable 1 m
  - \*M : length of cable (\*: any digit or number 0 to 10 to designate the cable length)
  - C: Connector Type
- (5) Manufacturer's control code (may be followed)
  - \*\*\*\*\*: Additional letters and/or numbers