

UK Declaration of Conformity

Identification of the Product : Miniature Photoelectric Switch

Name and address of Manufacturer

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

Name and address of the authorized representative and authorized to compile the technical file:

APEM COMPONENTS LIMITED.
Drakes Drive, Long Crendon, Buckinghamshire,
HP18 9BA, UK

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

Object of the declaration : Series Name: SA2E Series

Model No.: Details are as per attached sheet

The object of the declaration described above is in conformity with the relevant UK legislation :

S.I. 2016 No.1091

Electromagnetic Compatibility Regulations 2016

S.I. 2012 No.3032

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The products conform with the following standards.

EN IEC 60947-5-2:2020

EN IEC 63000:2018

Where applicable, the approved body

Additional Information :

Signed for and on behalf of the above named manufacturer :

Place and date of issue :

Japan, 26 April, 2021

12 September, 2022 (Revised)

Name, function :

Masaki Tsuru, Executive Officer,
Quality Assurance Center

Signature :



26 April, 2021
 12 September, 2022 (Revised)
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Nomenclature

<u>SA2E</u>	<u>-</u>	<u>T</u>	<u> </u>	<u>N</u>	<u> </u>	<u>1</u>	<u> </u>	<u> </u>	<u> </u>	<u>P</u>	<u> </u>	<u>NA</u>	<u> </u>	<u>-2M</u>	<u> </u>	<u>-*****</u>
1	2	3	4	5	6	7	8	9	10							

1. Series Designation: SA2E Series
2. Basic Model Designation
 - T : Through Beam
 - P: Polarized Retro-Reflective
 - D: Diffuse-Reflective
 - N: Small beam Reflective
 - B: Background suppression
3. Control output
 - N: NPN
 - P : PNP
4. Operation Mode
 - 1: Light On
 - 2: Dark On
 - 3: Light On / Dark On Toggle
5. Sensing Distance
 - Blank: No Diffuse – Reflective Detection mode
 - S: Short distance
 - M: Medium distance
 - L: Long distance
6. M8 Connection (No cable, Blank suffix 9)
 - Blank: Cable
 - C: M8 Connector (output : Pin No.4)
 - C2: M8 Connector (output : Pin No.2)
 - C3: M8 Connector (3 Pin)
7. Through Beam Type
 - Blank: No Through Beam
 - P: Projector
 - R: Receiver
8. Sensitivity Adjustment
 - Blank: With Adjustment
 - NA : Without Adjustment
9. Cable Connection (No M8 Connection, Blank suffix 6)
 - Blank: 1 meter cable
 - x M: ‘x’ meter cable, where x is 0 - 10
10. Manufacturer’s control code (may be followed)
 - *****: Additional letters and/or numbers