



Doc No.

235DOC-0197

EU Declaration of Conformity

Identification of the Product	Programmable Display Operator Interface
Name and address of Manufacturer	Name and address of the authorized representative and authorized to compile the technical file:
IDEC CORPORATION 2-6-64 Nishimiyahara, Yodogawa-Ku, Osaka 532-0004 Japan	APEM SAS 55, Avenue Edouard Herriot BP1, 82303 Caussade Cedex, France
This declaration of conformity is issued under the sole responsibility of the manufacturer.	
Object of the declaration : Series Name : SA2E-EX Series Model No. : Details are as per attached sheet	
The object of the declaration described above is in conformity with the relevant EU harmonization legislation :	
2014/34/EU	Equipment for explosive atmospheres (ATEX) Directive
2014/30/EU	Electromagnetic Compatibility Directive
2011/65/EU and (EU)2015/863	Restriction of the use of certain hazardous substances (RoHS) Directive
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.	
ATEX : EN IEC 60079-0:2018, EN 60079-11:2012	
EMC : EN IEC 60947-5-2:2020/A11:2022	
RoHS : EN IEC 63000: 2018	
Where applicable, the notified body	
CML B.V. (NB No. 2776) Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands	
Additional Information :	
EU Type Examination Certificate CML 24ATEX2012	
Explosion Protection: Ex II 1 G Ex ia IIB T4 Ga $-30^{\circ}\text{C}\leq\text{Ta}\leq+55^{\circ}\text{C}$	
Signed for and on behalf of the above named manufacturer :	
Place and date of issue :	Japan, July 25, 2024
Name, function :	Masaki Tsuru, Executive Officer Quality Assurance Center
Signature :	

July 25, 2024

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Nomenclature

SA2E - D N 3 S C -EX
I II III IV V VI VII

- I. Series Name
SA2E
- II. Detection mode
 - T: Through-Beam
 - P: Polarized Retro-Reflective
 - D: Diffuse-Reflective
 - N: Small beam-reflective
 - B: Background suppression
- III. Control Output
 - N: NPN
- IV. Operation Mode
 - 3: Light On/Dark ON selector
- V. Sensing Distance (Diffuse-Reflective type only)
 - S: 100mm
 - M: 500mm
 - L: 1m
- VI. Connection
 - 2M: 2m Cable
 - C: Connector (M8)
- VII. Intrinsically safety explosion-proof
EX