



No.235DOC-0100

Doc No.	D2B124
	D3B028
	D5B132

EU Declaration of Conformity

Identification of the Product	Solenoid Type Safety 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 : 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 – HS1L 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 :

2014/35/EU	Low Voltage Directive
2006/42/EC	Machinery 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.

EN 60947-5-1:2004/A1:2009
GS-ET-19:2011
EN IEC 63000:2018

Where applicable, the notified body

Additional Information :

Signed for and on behalf of the above named manufacturer :

Place and date of issue :	Japan, 20 April, 2016 Japan, 18 November, 2021 (Revised)
Name, function :	Masaki Tsuru, Executive Officer Quality Assurance Center
Signature :	

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HS1L Series

HS1L - DQ 4 4 K L M S R P -G R -*****
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13)

(1) Series

HS1L: Without key interlock

(2) Contact configuration

	Main Circuit	Auxiliary Circuit			
	Door Closing & Locking	Door Closing	Door Opening	Locking	Unlocking
Q:	1	1	1	1	1
R:	1	1	1	2	0
S:	1	2	0	1	1
T:	1	2	0	2	0
VQ:	0	2	1	2	1
VR:	0	2	1	3	0
VS:	0	3	0	2	1
VT:	0	3	0	3	0
DQ:	2	0	1	0	1
DR:	2	0	1	1	0
DS:	2	1	0	0	1
DT:	2	1	0	1	0
TT:	3	0	0	0	0

(3) Operational voltage for solenoid

4: Spring lock / 24V dc solenoid release

7Y: 24V dc solenoid lock / Spring release

(4) Rated voltage for indicator light

0: Without pilot light

4: 24V dc

(5) With/without key operator

Blank: Without key operator

K: With key operator

(6) With/without lock-release lever (on the reverse side of body)

Blank: Without lever

L: With lever

D: With disk

(7) Actuator's shakey when locked

Blank: Normal

M: Small

(8) Locking Strength

Blank: Normal

S: Strong tensile strength type actuator (when locked)

(9) Enclosure Color

x: Any one letter specifies the color

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(10) Conduit type

- Blank: Screw terminal / threaded as per G 1/2 under JIS B 0202
- P: Screw terminal / threaded as per PG13.5 under DIN 40430
- M: Screw terminal / threaded as per M20 under JIS B 0207
- C: Connector / threaded as per G 1/2 under JIS B 0202
- PC: Connector / threaded as per PG13.5 under DIN 40430
- MC: Connector / threaded as per M20 under JIS B 0207

(11) Lens color of pilot light for multipurpose

- Blank: Without pilot light for multipurpose and for solenoid
- F: Without pilot light for multipurpose only
- R: Red
- G: Green
- A: Amber
- Y: Yellow

(12) Lens color of pilot light for solenoid

- Blank: Without pilot light for solenoid
- R: Red
- G: Green
- A: Amber
- Y: Yellow

(13) Additional letters and/or numbers (may be followed)

- ***** : Manufacturer control No.