



Doc No.	D2B124
	D3B028
	D5B132

## EU Declaration of Conformity

<b>Identification of the Product</b>	Solenoid Type Safety Switch
<b>Name and address of Manufacturer</b> IDEC CORPORATION 2-6-64 Nishimiyahara, Yodogawa-Ku, Osaka 532-0004 Japan	<b>Name and address of the authorized representative :</b> IDEC ELEKTROTECHNIK GmbH Heseltuecken 8, 22453 Hamburg, Germany

**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	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 50581:2012

**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, 21 July, 2017 (Revised)  
Name, function : Atsushi Matsumoto, Executive Officer,  
Quality Assurance Center  
Signature :

*Atsushi Matsumoto*



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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.