



No.235DOC-0103

Doc No.	D2B163
	D3B046
	D5B137

EU Declaration of Conformity

Identification of the Product	Safety Door Interlock 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 – HS5L 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 60947-5-1:2017
GS-ET-19:2019
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, 7 December, 2021 (Revised)
Name, function :	Masaki Tsuru, Executive Officer Quality Assurance Center
Signature :	

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HS5L Series

HS5L - K A 4 4 L — M - G 1 - 2A - xxxx
 I II III IV V VI VII VIII IX X XI XII

I. Basic Model Designation:

HS5L: HS5L series

II. Interlock-key-operator:

Blank: Not mounted

K: Mounted (solenoid not be incorporated)

III. Function:

Contact Configuration	Door closing & Locking →	Door Closing →	Door Opening	Locking ⏏	Unlocking
A	1	0	1	0	1
B	1	0	1	1	0
C	1	1	0	0	1
D	1	1	0	1	0
F	1	2	0	0	0
G	1	1	1	0	0
H	1	0	0	2	0
J	1	0	0	1	1
DD	2	0	0	0	0
VA	0	1	1	1	1
VB	0	1	1	2	0
VC	0	2	0	1	1
VD	0	2	0	2	0
VF	0	3	0	1	0
VG	0	2	1	1	0
VH	0	1	0	3	0
VJ	0	1	0	2	1
VW	0	0	1	3	0
VX	0	0	1	2	1
TA	0	0	1	1	1
TB	0	0	1	2	0

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Contact Configuration	Door closing & Locking (⊞)	Door Closing (⊞)	Door Opening	Locking (⊞)	Unlocking
TC	0	1	0	1	1
TD	0	1	0	2	0
TF	0	2	0	1	0
TG	0	1	1	1	0
TH	0	0	0	3	0
TJ	0	0	0	2	1
XA	0	0	1	0	1
XB	0	0	1	1	0
XC	0	1	0	0	1
XD	0	1	0	1	0
XF	0	2	0	0	0
XG	0	1	1	0	0
XH	0	0	0	2	0
XJ	0	0	0	1	1

All contacts have direct opening action mechanism (⊞) independently.

IV. Operational Voltage for Solenoid:

Blank: Solenoid not incorporated (for HS5L-K type)

4: Spring lock / 24 Vdc solenoid release

7Y: 24 Vdc solenoid lock / Spring release

V. Rated Voltage for Pilot Light:

0: Without pilot light

4: 24 Vdc

VI. With / Without Escape Release Function (on the reverse side of body):

Blank: Without function

L: With escape release button which has direct opening action mechanism (⊞) for “Door closing & Locking contacts” and “Locking contacts”

VII. Cable Length:

Blank: Without Cable *1

01 to 99: 1 m to 99 m

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VIII. Conduit Type:

Blank: Exclusive Conduit *1

M: M20 Conduit

SM: Long cover with M20 Conduit *2

SG: Long cover with G1/2 Conduit *2

SP: Long cover with PG13.5 Conduit *2

SR: Long cover with cable and M20 Conduit on the right side *3

SL: Long cover with cable and M20 Conduit on the left side *3

IX. Color of Pilot Light:

Blank: Without pilot light

G: Green

R: Red

A: Amber

Y: Yel

X. Mounting Direction of Head:

Blank: Front

1: Right

2: Rear

3: Left

XI. Suffixes for interlock-key-operator type of item(II) (may be followed):

XI-1. Key Maintained Position

2: 2-position

XI-2. Key Removable/Unremovable Position

A: Removable in all position

B: Unremovable in right position

C: Unremovable in left position

XI-3. Key No.

Alphanumeric character(s)

X. Manufacturer Control Numbers or Minor Variation (Optional):

Alphanumeric character(s) may be included hyphens

e.g.

Connector certified by UL/CSA/EN is optionally mounted

*1: In the case that both VII "Cable Length" and VIII "Conduit Type" in Nomenclature are chosen "Blank", any covers and cables are not provided.

*2: In the case VIII "Conduit Type" in Nomenclature is chosen "SM", "SG" or "SP", VII "Cable Length" in Nomenclature is limited to "Blank".

*3: In the case VIII "Conduit Type" in Nomenclature is chosen "SR" or "SL", VII "Cable Length" in Nomenclature is limited to "01 to 99".