

To _____

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Electronic and Mechanical Components Business Division

NIDEC COPAL ELECTRONICS CO., LTD.

Discontinuation and LED Change Notice for Parts of the 13AL Series

Dear all

Thanks very much for your cooperation and wish you prosperity in your business.

Parts of our company's 13AL Series (illuminated pushbutton switches) will be end of sales.
And the LED of those still on sales will be changed as follows.

We are sorry for the inconvenience and hope for your understanding.

Best regards

1. LED change

1-1. Affected products: 13AL-***-0000-X (key top: white, LED: yellow)

※ *** is used as placeholders for the style code of the key top.

(060: 6 mm square, 090: 9 mm square, 110: 11 mm square)

1-2. The reason for the change

LED manufacturer discontinued the production.

1-3. Contents

Change of the LED manufacturer : STANLEY → LENO

Color	New/Old	Manufacturer	Reverse Voltage (VR)	Recommended Current (IF)	Forward Voltage (VF)	
					Typ.	Max.
Yellow	Old	STANLEY	DC 4 V	20 mA	2.2	2.8
	New	LENO	DC 4 V	20 mA	2.1	2.8

1-4. Time to switch to the new LED

Products delivered from April 2020 will be installed with the new LED, but please notice that the switching time may change depending on order-receiving situation, production status, stocking state, etc. And considering that these products are sold to many customers, please understand that we cannot mark out the first article for every customer.

For inquiries regarding this matter, please contact with our sales representative.

2. Product discontinuation

- 2-1. Affected products: 13AL-***-0010-X (key top: red, LED: red)
13AL-***-0020-X (key top: blue, LED: green)
13AL-***-0030-X (key top: green, LED: green)
13AL-***-0040-X (key top: orange, LED: orange)
13AL-***-0050-X (key top: yellow, LED: green)

※ The key top shape symbol is entered in the *** mark in the product name.

(060 : 6 mm square, 090 : 9 mm square, 110 : 11 mm square)

2-2. The reason for the discontinuation

Due to the decline in demand, efficient production and stable supply become impossible, and we decide to discontinue the production.

2-3. Substitutes

None

These parts will no longer be available as of 10/4/19

2-4. Discontinuation schedule

Deadline for the final order: April 30st, 2020

Expected date for the final shipment: September 30st, 2020

For inquiries regarding this matter, please contact with our sales representative.

Approval and Signature Section

【Date】 _____

【Company Name】 _____

【Department Name】 _____

【Person in Charge】 _____

The end