

To _____

October 4th, 2019

Document Management Number 8TEQJ-0076

Sato Manabu

Product Engineering Department Manager

Electronic and Mechanical Components Business Division

NIDEC COPAL ELECTRONICS CO., LTD.

LED Change Notice due to Manufacturer Discontinuation

Dear all

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

We are writing to notice you that the LED for the products below will change as follows.

Best regards

1. Affected products:

- Illuminated pushbutton switches: CFPB Series
- Illuminated pushbutton switches: 13BL Series

2. Contents

Change of the LED manufacturer : STANLEY → LENO

Color	New/Old	Manufacturer	Reverse Voltage (V _R)	Recommended Current (I _F)	Forward Voltage (V _F)	
					Typ.	Max.
Red	Old	STANLEY	DC 4 V	20 mA	2.0	2.8
	New	LENO	DC 4 V	20 mA	2.0	2.8
Orange	Old	STANLEY	DC 4 V	20 mA	2.2	2.8
	New	LENO	DC 4 V	20 mA	2.1	2.8
Yellow	Old	STANLEY	DC 4 V	20 mA	2.2	2.8
	New	LENO	DC 4 V	20 mA	2.1	2.8
Green	Old	STANLEY	DC 4 V	20 mA	2.1	2.8
	New	LENO	DC 4 V	20 mA	2.2	2.8

3. The reason for the change

LED manufacturer discontinued the production.

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.

In addition, the 13BL series will be discontinued in 2022. So please consider changing to the CFPB series at the same time.

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

Approval and Signature Section	
【Date】	_____
【Company Name】	_____
【Department Name】	_____
【Person in Charge】	_____

The end