



NOTIFICATIO of END of LIFE PRODUCT
BGS-DL Series Potentiometer Laser BGS Sensors

April 7, 2023

To whom it may concern,

OPTEX FA Co., Ltd. appreciates and values your business.
We are announcing End of Life of the following products:

Product Description

BGS-DL Series Potentiometer Laser BGS Sensors

	NPN output	PNP output
Cable type	BGS-DL10N	BGS-DL10P
	BGS-DL30N	BGS-DL30P
	BGS-DL70N	BGS-DL70P
Connector type	BGS-DL10CN	BGS-DL10CP
	BGS-DL30CN	BGS-DL30CP
	BGS-DL70CN	BGS-DL70CP

*Including special order specifications and derivative products of the above products

Reason for EOL

End of supply of key components

Last Order Acceptance Date

December 31, 2023

Last Shipping Date

March 31, 2024

Replacement Products

BGS-ZL Series Laser BGS Sensors

Discontinued Model	Alternative Proposal
BGS-DL10*	BGS-ZL10*
BGS-DL30*	BGS-ZL30*
BGS-DL70*	

*For details, please see attached sheet or contact OPTEX FA.

Thank you very much for your support for OPTEX FA products.

Sincerely,
International Department
OPTEX FA Co., Ltd.

Comparison table with alternative proposals

	Discontinued Products			Alternative Proposal	
Model	BGS-DL10	BGS-DL30	BGS-DL70	BGS-ZL10	BGS-ZL30
Sensing distance ^{*1}	10 to 100 mm	50 to 300 mm	50 to 700 mm	5 to 100 mm	10 to 300 mm
Adjustable distance range ^{*1}	40 to 100 mm	100 to 300 mm	100 to 700 mm	20 to 100 mm	50 to 300 mm
Spot size	Approx. ø3 mm at a distance of 80 mm	Approx. ø6 mm at a distance of 200 mm	Approx. ø2.5 mm at a distance of 300 mm	Approx. ø1 mm at a distance of 100 mm	Approx. ø1.5 mm at a distance of 300 mm
Light source	Red laser diode			Red laser diode	
Laser class ^{*2}	Class 2 (IEC/JIS)			Class 1 (IEC/JIS)	
Response time	0.7 ms or less			0.25 ms or less	
Hysteresis	5% or less		5 to 20%	3%	5%
Distance adjustment	4-turn endless potentiometer			4-turn endless potentiometer	

*1. Using a 100 × 100 mm white sheet of paper.

*2. Classified as Class II in the US FDA standards.