



NOTIFICATION of END of LIFE PRODUCTS
D3IF Series Digital Fiber Amplifier

May 9, 2024

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

D3IF Series Digital Fiber Amplifier for Water detection

Type		Control output	
		NPN	PNP
Stand-alone	Cable	D3IF-TN	D3IF-TP
	Connector	D3IF-TCN4	D3IF-TCP4

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

Reason for EOL

End of supply of key components

Last Order Acceptance Date

March 31, 2025

Replacement Products

Type			Discontinued Models	Alternative Proposal
			D3IF	D4IF
Stand-alone	Cable	NPN	D3IF-TN	D4IF-T
		PNP	D3IF-TP	
	Connector	NPN	D3IF-TCN4	D4IF-TC4
		PNP	D3IF-TCP4	

*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	
		D3IF Series		D4IF Series	
Light source		IR LED (1450 nm)		IR LED (1450 nm)	
Fiber Unit		Through-beam : NF-TW01	Diffuse : NF-DW01	Through-beam : NF-TW01	Diffuse : NF-DW01
Response time	16 μ s	60 mm	20 mm	95 mm	23 mm
	70 μ s	150 mm	45 mm	255 mm	60 mm
	250 μ s	230 mm	85 mm	315 mm	75 mm
	500 μ s	250 mm	100 mm	345 mm	80 mm
	1 ms	300 mm	110 mm	470 mm	115 mm
	2 ms	350 mm	125 mm	605 mm	155 mm
	8 ms	650 mm	280 mm	795 mm	210 mm
Teach mode		Teaching / Manual adjustment		Teaching / Manual adjustment	
Display		7-segment, 8-digit display (red: 4-digit, green: 4-digit)		OLED display 128 \times 22 pixel Menu languages: English, Japanese, Korean, Simplified Chinese, Spanish	
Control output		NPN/PNP electrical transistor open collector *by model		NPN/PNP open collector or Push-pull *selectable by setting	
External input		Teach input, Emitter off, Synchronous, or Cunter reset		Teach input, Emitter off, Cunter reset, or Load preset	
Timer function		On delay, Off delay, Pulse output, On/off delay, On delay pulse Adjustable 0.1 to 9,999 ms		On delay, Off delay, Pulse output, On/off delay, On delay pulse Adjustable 1 to 30,000 ms	
Output mode		Light ON/Dark ON, selectable by setting		Light ON/Dark ON, selectable by setting	
Supply voltage		12 to 24 VDC \pm 10 %		12 to 24 VDC \pm 10 % *IO-Link mode: 18 to 30 VDC \pm 10 %	
Current consumption		1 output: 864 mW (36 mA or less at 24 VDC) 2 outputs: 936 mW (39 mA or less at 24 VDC)		870 mW max. (29 mA or less at 30 VDC) (33 mA or less at 24 VDC)	
IO-Link				Revision: 1.1, Baud rate: COM 3	
Degree of protection		IP50		IP54	
Included items		Mounting bracket		Mounting bracket	

*For details, please contact OPTEX FA.