



NOTIFICATIO of END of LIFE PRODUCT
BA Series Non-Contact Thermometers

September 30, 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

BA Series Non-Contact Thermometers, Integrated sensor and amplifier type
BA-30TA-S
BA-30TV-S
BA-06TA-S
BA-06TV-S

*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, 2024

Recalibration and Repair

Recalibration : We will continue to accept requests for recalibration of BA Series.

Replacement Products

TI-S Series Non-Contact Thermometers

Discontinued Model	Alternative Proposal
Integrated sensor and amplifier type BA Series	Integrated sensor and amplifier type SA Sereis
	Separate sensor and amplifier type CS Sereis
	Separate sensor and controller type TI-S Series

*For details, please see next page 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 Product		Alternative Proposal				
Model	BA-30TA-S BA-30TV-S	BA-06TA-S BA-06TV-S	SA-80T-4A	SA-80T-4IO	CS-30TAC	CS-40TAC	TI-30 TI-SC (E)
Measurement range	0 to 500 °C (32 to 932 °F) (Display: -20 to 520 °C (-4 to 968 °F))		0 to +400 °C (32 to 752 °F)		-40 to 500 °C (-40 to 932 °F)		-40 to 500 °C (-40 to 932 °F)
Field of view	ø 30 mm/1000 mm	ø 6 mm/200 mm	ø 80/500 mm		ø 30/500 mm	ø 40/500 mm	ø 30/500 mm
Sensing element / spectral response	Thermopile/8 to 14 µm		Thermopile/8 to 14 µm				Thermopile/8 to 14 µm
Response time	100 ms/90 % response		100 ms/90 % response		150 ms/90 % response		High speed response, 50 ms, 100 ms, 200 ms, 500 ms, 1 s, 2 s, 5 s, 10 s, 20 s * Output response 90%*1
Accuracy*1	(±1 % or ±2 °C (3.6 °F) of reading value, whichever is greater) ±1 digit		0 to 200 °C (32 to 392 °F): ±2 °C (±3.6 °F), 201 to 400 °C (393.8 to 752 °F): ±1 % of reading value		-40 to 0 °C (-40 to 32 °F): ±3 °C (5.4° F), 1 to 200 °C (33.8 to 392 °F): ±2 °C (3.6 °F), 201 to 500 °C(393.8 to 932 °F): ±1 % of reading value		-40 to 0 °C (-40 to 32 °F): ±1.5 °C (2.7° F), 1 to 200 °C (33.8 to 392 °F): ±1 °C (1.8°F), +201 to +500 °C (393.8 to 932 °F): ±0.5 % of reading value
Style	Integrated sensor and amplifier type		Integrated sensor and amplifier type		Separate sensor and amplifier type		Separate sensor and controller type
Emissivity adjustment	0.10 to 1.20 (0.01 per step)		0.95 (fixed)	0.1 to 1.2 via IO-Link	0.1 to 1.2		0.100 to 1.200
Focus	Coaxial laser marker		-		-		Coaxial ling laser pointer
Display	LCD digital display		-		7-segment LED digital display		1.8-inch TFT LCD
Analog output	4 to 20 mA (BA-30TA-S/BA-06TA-S) 1 mV/°C (BA-30TV-S/BA-06TV-S)		4 to 20 mA	-	4 to 20 mA		4 to 20 mA load impedance: 150 to 500 ohm 0 to 10 V output impedance: 200 ohm or less
Communication interface	Not supported		Not supported	IO-Link, measured value, emissivity, timer function, and etc...	Not supported		IO-Link, measured value, head temperature, emissivity, alram function, and etc...
Power Supply	12 to 24 VDC		12 to 24 VDC	18 to 30 VDC	12 to 24 VDC		18 to 30 VDC
Product image							