

# TECHNICAL NOTIFICATION

TN-20-001, REVISION: A

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AUDIENCE: GLOBAL

ISSUED BY: TOM SCHREIER

CATEGORY: PRODUCT FEATURE OBSOLESCENCE

**CURTISS -  
WRIGHT**

**EXLAR**<sup>®</sup>

## Discontinuation of the KTY84-130 Motor Winding Temperature Sensor

The manufacturer (NXP) of the KTY84 thermal sensor has discontinued the KTY84. This affects all motor manufacturers who have used the KTY84 in their product(s). Exlar has used the KTY84 in many of their products as specified by the three-digit feedback callout.

**Table 1. Feedback Callouts Affected by KTY84  
Obsolescence**

AU1	BR5	IG3	LZ2	PC6	SM4
BB2	CT9	IG4	LZ5	PC7	SM5
BB3	ET2	IN1	LZ7	PCB	SM6
BE2	EU1	IN5	LZ8	SB1	SM7
BM1	EU3	IN6	MC1	SB2	SM8
BM2	EU4	IN7	MN5	SB3	SM9
BM3	HN1	IN8	NK1	SB4	SS1
BM4	IF3	KU1	NU1	SC2	ST1
BR1	IF4	LS1	OC1	SM1	SW1
BR2	IG1	LS2	OC2	SM2	SW2
BR3	IG2	LZ1	OM1	SM3	SW3

### What is the Replacement Thermal Sensor?

As is the case with many servomotor manufacturers, Exlar has selected the PT1000 to replace the KTY84 in Exlar products. The characteristic curve of the PT1000 is different from the KTY84. Please reference figure 1 for the differences.

### Current Status

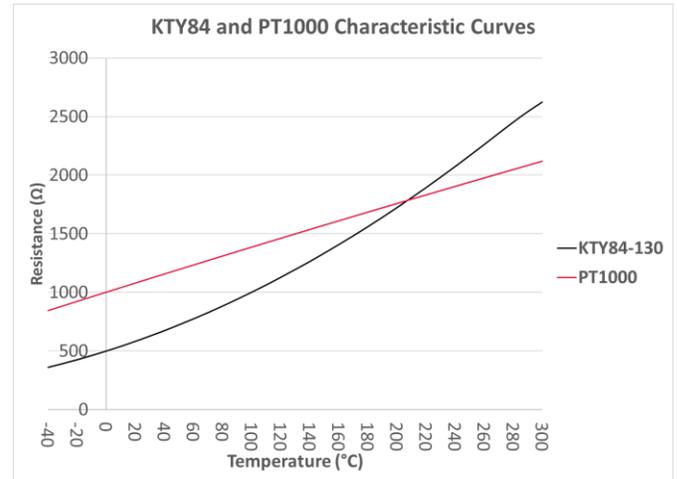
Exlar has nearly depleted its stock of KTY84 sensors and requires action from Exlar customers. See below for current status and the "What Do You Need to Do" section for options.

#### PT1000 sensor utilized (no action required):

- GTX, TTX, TDX/M, T2X/M, RDM/G, & R2M/G
- GSM/X and SLM/G with PNs > 75000 & feedback code in Table 1

#### KTY84 sensor utilized (action required):

- GSM/X and SLM/G with PNs < 75000 & feedback code in Table 1



**Figure 1. Characteristic Curves of KTY84 and PT1000**

### What Do You Need to Do?

If your actuator is still utilizing the KTY84 per the "Current Status" section of this document, please review and select an option below to best suit your needs. Exlar and its suppliers expect to be depleted of available KTY84 sensors at the end of 2020 (subject to usage and alternate supply).

1. Place a 'Last-Time-Buy' of existing PN configurations by September 30, 2020 to guarantee delivery of actuators with an integral KTY84 sensor
2. Continue to order existing PN configuration utilizing KTY84. Exlar's ability to supply actuators with an integral KTY84 is subject to component availability and cannot be guaranteed for orders received after September 30, 2020.
3. Consult your local sales resource for a replacement actuator utilizing the PT1000 sensor. Look to Exlar's GTX series for replacement models (<https://www.cw-actuationgroup.com/Products/Exlar-Automation/Motor-Actuators/GTX-Series>).

Exlar will continue to explore alternative suppliers for the KTY84 sensor as well as substitute options that will have the same characteristic code as the KTY84