

Customer Notification

B-CN-285-EN Rev A

December 9, 2022

SUBJECT: TT Series Compressor Bearing/Bearing Sensor Feedthroughs Update

Purpose


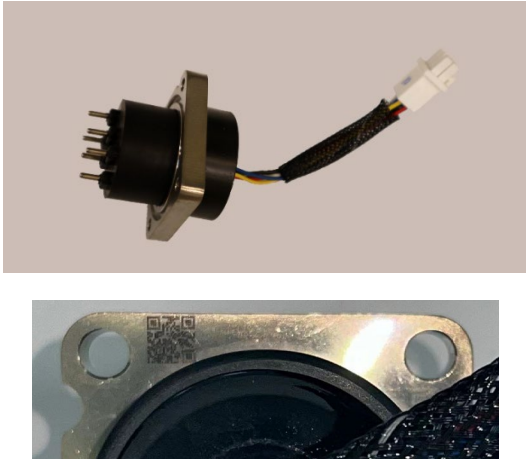
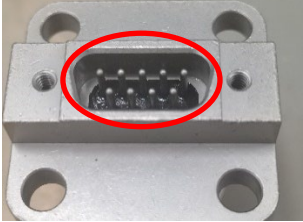
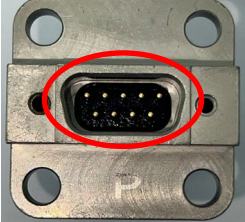
The purpose of this bulletin is to notify our customers that design improvements have been made to the 4 and 6 Pin Bearing Power Feedthrough and 9 Pin Bearing Sensor Feedthrough.

The harness on the new 4 and 6 pin Bearing Power Feedthroughs will now have a fiber-braided sleeve instead of a spiral-wrap sleeve. This new sleeve is more flexible and will reduce strain on the wire and crimps. The new 9-pin Bearing Sensor Feedthrough pins are now gold plated.

The new Bearing Power Feedthrough and 9-pin Bearing Sensor Feedthroughs will also contain new markings that are used for internal production identification. The new Bearing Power Feedthroughs will contain a QR Code and the new Bearing Sensor Feedthroughs will contain a letter.

Figure 1 – Below image shows a comparison of the 6-pin Bearing Power Feedthrough and the 9-pin Bearing Sensor Feedthrough.

Figure 1 – Feedthrough Comparison

Current Bearing Power Feedthrough	New Bearing Power Feedthrough
	
Current 9-Pin Bearing Sensor Feedthrough	New 9-Pin Bearing Sensor Feedthrough
	

Refer to Table 1 – Anticipated Rollout Dates for details on when the new feedthroughs will go into production.

Summary

We will be updating the 4 and 6 pin Bearing Power Feedthroughs to include a new fiber-braided sleeve versus a spiral-wrap sleeve and the 9-pin Bearing Sensor Feedthrough will now have gold-plated pins.

Below are the anticipated rollout dates for the new feedthroughs.

Table 1 – Anticipated Production Rollout Dates

	Tallahassee	Haiyan
Bearing Power Feedthroughs	Early January 2023	End of December 2022
9-pin Bearing Sensor Feedthroughs	End of March 2023	End of December 2022

Spare Part Kits

We will be exhausting supply of the current feedthroughs before switching over to the new design. As a result, you may receive either design when ordering the spare part kits.

Action Required

The spare part kit numbers will remain the same. Continue to order the following kits:

Description	Part Number	Compressor Major Revision
FEEDTHROUGH, 4 PIN	100370	-F, -G, -H
FEEDTHROUGH, 6 PIN	100371	-F, -G, -H
FEEDTHROUGH, 9 PIN	100295-1	All

Need Assistance

For further information please contact your Key Account Manager or our Product Support Group at Turbocor.ps.na@danfoss.com.

Classified as Business

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