


# KIT PT SENSORS CABLE HARNESS

110064, 112035.

 <p><b>Installation and servicing of Danfoss Turbocor® compressors by qualified and product trained personnel only. Follow these instructions and sound refrigeration/electrical/servicing practices relating to installation, commissioning, maintenance and service.</b></p>			
<p>Consult the appropriate Danfoss Turbocor Compressors Inc. (DTC) Service Manual on <a href="http://turbocoroem.com">turbocoroem.com</a> for detailed service instructions.</p>	<p><b>Never power compressor without covers in place and secured.</b></p> <p><b>Opening the drive panel will expose you to a voltage hazard of up to 575V AC and 900V DC. Ensure the mains input power is off and locked out before opening panel.</b></p> <p><b>Before opening the drive panel, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</b></p>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p><b>This equipment contains hazardous voltages that can cause serious injury or death.</b></p>	<p><b>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</b></p>

## 1 - Introduction

- VTT Pressure/Temperature (PT) Sensor Cable Harness replacement
- VTX Pressure/Temperature (PT) Sensor & IGV Cable Harness replacement

The VTT kit contains the Pressure/Temperature Sensor Cable Harness while the VTX kit contains the Pressure/Temperature Sensor & IGV Cable Harness. Please refer to our Service Manual for details regarding the replacement of this cable.

We have made the **VTT/VTX Service Manual** available to anyone. To access the manual, you may scan the applicable QR code below or you may go to our DTC website at [www.turbocoroem.com](http://www.turbocoroem.com). At the top of the page there is a pull-down menu called "Quick Links." Click this menu and select the appropriate service manual.

Refer to the applicable QR code below to download the VTT/VTX Service Manual.

English



Chinese



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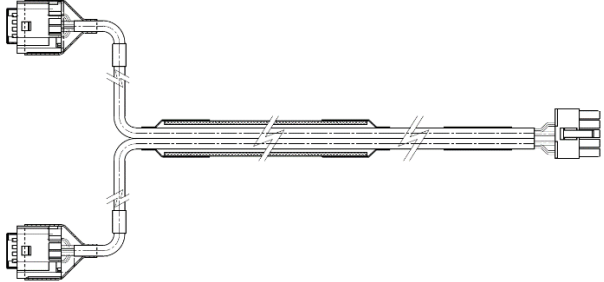
**2 - PRESSURE/TEMPERATURE SENSOR CABLE HARNESS Removal Instructions**

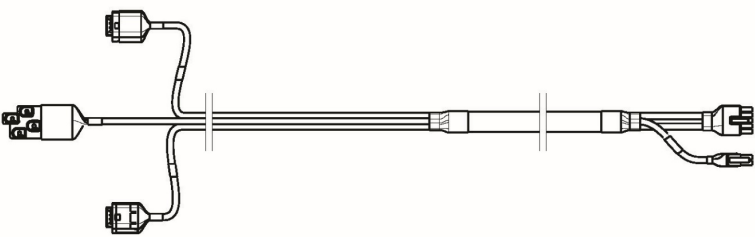
1. Isolate VTT/VTX power as described in Section "Electrical Isolation of the VFD" of the Service Manual (M-SV-VT-001).
2. Remove the Service Electronics Cover.
3. Unplug the cable harness connector from the suction and discharge sensors.
4. Unplug the cable harness from the IGV Feedthrough.
5. Unplug the cable harness connector from J8 on the CCM.
6. Remove the cable harness from the compressor mounting brackets.

**3 - PRESSURE/TEMPERATURE SENSOR CABLE HARNESS Removal Instructions**

1. Plug the cable harness connector into the suction sensor and discharge sensor.
2. Plug the cable harness into the IGV Feedthrough.
3. Route the cable harness to the service side and attach to the compressor mounting brackets.
4. Plug the cable harness connector into J8 on the CCM.
5. Install the Service Side Cover.
6. Return the compressor to normal operation.
7. Test run the compressor to verify proper operation.

**4 - Kit Contents**

Kit numbers		Compressor models	
110064		VTT Only	
QTY	Part(s) Description	Picture(s)	
1	ASSEMBLY - HARNESS PT		

Kit numbers		Compressor models	
112035		VTX Only	
QTY	Part(s) Description	Picture(s)	
1	ASSEMBLY - HARNESS PT		

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