**TEDS-Enabled Cable Assemblies**

**Test & Measurement Sensors**

**DESCRIPTION**

Honeywell provides a wide range of accessories for our test and measurement sensor products, which are designed to meet additional requirements for most customer applications.

Honeywell’s new generation of test and measurement sensors support the RJ50 connection with an embedded TEDS chip, which allows plug and play connection into the National Instruments 9237-C Series data acquisition modules. Honeywell’s TEDS-enabled cable assemblies can be purchased as an additional accessory item with a new sensor purchase or separately to fit your existing Honeywell test and measurement sensors (see chart for compatible models).

If you don’t see exactly what you need listed below, or have special requirements for your particular application or operating environment, please contact Honeywell for assistance.

**FEATURES**

- Connect sensors to a PC via USB, Ethernet, or wireless communication
- Helps reduce installation and setup time, by eliminating need to review wiring diagrams, or worry about power source and load calibration data
- Accurate/reliable readings by electronic calibration data loaded directly from TEDS, maintaining data integrity
- Reduced compatibility risk with pre-tested sensor and instrumentation system components
- Helps increase engineer productivity, improve testing reliability, and reduce installation costs
TEDS-Enabled Cable Assemblies

CABLE CONNECTOR WIRING CODES
You can determine the proper TEDS cable part number by knowing your model number or order code of your sensor and selecting from 3, 10, or 25 ft. length option. Below are the wiring details of the cable assemblies. Following these charts are the tables referenced by product type (pressure, load, or torque) and model/order codes cross references.

<table>
<thead>
<tr>
<th>Cable/Connector Type</th>
<th>Base Order Code</th>
<th>Left Side</th>
<th>Right Side</th>
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<tbody>
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<td><img src="image2.png" alt="Diagram A" /></td>
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**Chart A.**

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<th>(+)EXCITATION</th>
<th>B</th>
<th>(+)EXCITATION</th>
<th>C</th>
<th>(+)EXCITATION</th>
<th>D</th>
<th>(-)EXCITATION</th>
<th>E</th>
<th>(-)OUTPUT</th>
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<td>WHITE (-SIGNAL)</td>
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<td>ORANGE (-SENSE)</td>
<td>BLUE (+EXCITATION)</td>
<td>PURPLE (-EXCITATION)</td>
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| Screw terminal to RJ50 | 060-0604-168 | ![Diagram B](image3.png) | ![Diagram B](image4.png) |

**Chart B.**

| PIN DESIGNATION | B | SHIELD | 1.) | SHUNT | 2.) | (+)SIGNAL | 3.) | (-)SIGNAL | 4.) | (+)EXCITATION | 5.) | (-)EXCITATION | 6.) | (+)EXCITATION | 7.) | (-)EXCITATION | 8.) | TEDS DATA | 9.) | TEDS RETURN | 10.) | SHUNT |
|-----------------|---|--------|-----|-------|-----|----------|----|-----------|----|------------|----|-------------|----|------------|----|-------------|----|---------|-----|----------|
| DESIGNATION     | BLACK (SHUNT) | GREY (+SIGNAL) | WHITE (-SIGNAL) | RED (+SENSE) | ORANGE (-SENSE) | BLUE (+EXCITATION) | PURPLE (-EXCITATION) | BROWN | YELLOW (TEDS) | BLUE | GREEN (TEDS) |

| Amphenol type, 5 socket, Shell Size 14 to RJ50 | 060-0604-169 | ![Diagram C](image5.png) | ![Diagram C](image6.png) |

**Chart C.**

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<th>TEDS CHIP</th>
<th>Cable SUBASSEMBLY</th>
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# TEDS-Enabled Cable Assemblies

## PRESSURE SENSORS

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<th>Wiring Chart</th>
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## DIFFERENTIAL PRESSURE SENSORS

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<th>Wiring Chart</th>
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# TEDS-Enabled Cable Assemblies

## LOAD CELLS

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<tr>
<th>Model Number</th>
<th>Order Code</th>
<th>Load Ranges</th>
<th>Cable Connector Type</th>
<th>Wiring Chart</th>
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LOAD CELLS, continued...
### TEDS-Enabled Cable Assemblies

#### LOAD CELLS, continued...

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<th>Cable Connector Type</th>
<th>Wiring Chart</th>
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<th>10 ft Cable Length [02 added to base order code]</th>
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TEDS-Enabled Cable Assemblies

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