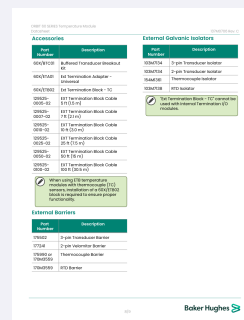


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 129525-0050-02

Orbit 60 Termination Cable



PRODUCT	129525-0050-02
FAMILY	Orbit 60 Temperature
FUNCTION	Orbit 60 Termination Cable
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada 137M0706. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Cable Series	129525 EXT termination cable
Cable Length	50 ft (15 m)
Termination Block	60X/ETB02
Input Type	Thermocouple
Module Family	Orbit 60 Temperature
Supported Channels	6
Thermocouple Types	J / K / E / T

02 MOUNTING AND CONNECTION

- Confirm the 50 ft external termination cable and 60X/ETB02 termination block.
- Use this cable with the Orbit 60 external thermocouple termination arrangement.
- Do not connect the 60X/ETB02 block to an internal-termination input module.
- Route and secure the cable before landing the thermocouple conductors and shield.
- Verify all six channel indications and configured thermocouple types before service.

MANUFACTURER INSTALLATION REFERENCE

Official manufacturer reference reproduced from Bently Nevada 137M0706. Use the current source document and all referenced drawings and notes for installation.

ORBIT 60 SERIES Temperature Module
Datasheet

137M0706 Rev. C

Accessories

Part Number	Description
60X/BTC01	Buffered Transducer Breakout Kit
60X/ETA01	Ext Termination Adapter - Universal
60X/ETB02	Ext Termination Block - TC
129525-0005-02	EXT Termination Block Cable 5 ft (1.5 m)
129525-0007-02	EXT Termination Block Cable 7 ft (2.1 m)
129525-0010-02	EXT Termination Block Cable 10 ft (3.0 m)
129525-0025-02	EXT Termination Block Cable 25 ft (7.5 m)
129525-0050-02	EXT Termination Block Cable 50 ft (15 m)
129525-0100-02	EXT Termination Block Cable 100 ft (30.5 m)



When using ETB temperature modules with thermocouple (TC) sensors, installation of a 60X/ETB02 block is required to ensure proper functionality.

External Galvanic Isolators

Part Number	Description
103M7134	3-pin Transducer Isolator
103M7134	2-pin Transducer Isolator
154M1361	Thermocouple Isolator
103M7138	RTD Isolator



"Ext Termination Block - TC" cannot be used with Internal Termination I/O modules.

External Barriers

Part Number	Description
175502	3-pin Transducer Barrier
177241	2-pin Velomitor Barrier
175990 or 170M3559	Thermocouple Barrier
170M3559	RTD Barrier

04 CABLE ROUTING AND CONNECTION

- Use this cable with the Orbit 60 external thermocouple termination arrangement.
- Do not connect the 60X/ETB02 block to an internal-termination input module.
- Route and secure the cable before landing the thermocouple conductors and shield.
- Verify all six channel indications and configured thermocouple types before service.

05 INITIAL SYSTEM CHECKS

- Confirm exact model identity and compatible system components before energizing.
- Check the saved configuration against the controlled site requirements.
- Verify the measurement or signal path using the complete manufacturer instructions.
- Record the installed model, baseline values and final channel status.

06 CONTROLLED DOCUMENTS

Official source	Bently Nevada 137M0706
Product record	129525-0050-02
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN