

16925-99

99 ft Unarmored Seismic Transmitter Interconnect Cable

INSTALLATION AND COMMISSIONING WORKBOOK

1

IDENTIFY

2

ISOLATE

3

INSTALL

4

VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Verify the complete 16925-99 marking and the required 99 ft route.	☐
2	De-energize the associated transmitter loop before cable work.	☐
3	Protect the unarmored jacket from tray edges, hot surfaces and moving parts.	☐
4	Separate the run from high-energy conductors where the project drawing requires it.	☐

PRE-WORK RECORD

Work order	_____	Drawing / revision	_____
Checked by	_____	Date	_____

Installation and connection sequence

Route 16925-99 so the unarmored cable is protected from abrasion, crushing and induced-noise sources. Before energizing the loop, verify the 177230 pin assignments and keep the dynamic-signal reference isolated as required by the transmitter wiring convention.

05

Confirm the transmitter connector and field-end terminations before continuity testing.

06

Check shield continuity and the specified single-point grounding arrangement.

07

Verify Pin B is not grounded when used as the dynamic-signal reference.

08

Restore power and compare the current-loop and dynamic outputs with the commissioning record.

Commissioning record

Record the controlled checks used to release this exact product.

1. Identity / article	PASS / FAIL	_____

2. Mechanical installation	PASS / FAIL	_____

3. Power / wiring	PASS / FAIL	_____

4. Grounding / shielding	PASS / FAIL	_____

5. Configuration	PASS / FAIL	_____

6. Signal response	PASS / FAIL	_____

7. Diagnostics / alarms	PASS / FAIL	_____

8. Final release	PASS / FAIL	_____

MODEL-SPECIFIC ACCEPTANCE

Confirm the full 16925-99 marking, 99 ft route, 177230 transmitter connector, conductor and shield assignments, grounding isolation, mechanical protection and both loop and dynamic-signal checks before return to service.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	330780-90-05 11 mm Proximitior sensor
02	3500/50 tachometer module
03	3500/42M 176449-02 seismic monitor
04	3500/40M 176449-01 proximity monitor
05	3500/45 176449-04 position monitor
06	3500/64M 140734-05 dynamic pressure monitor
07	3500/22M 288055-01 data interface
08	3500/33 149986-01 relay module

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

177230 Seismic Transmitter Datasheet | 177232 Rev. T

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