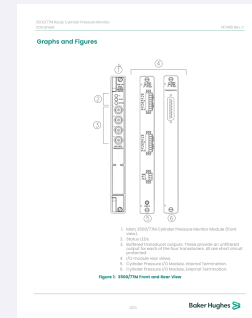


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

3500/77M 176449-07

reciprocating cylinder pressure monitor



PRODUCT	3500/77M 176449-07
FAMILY	3500 machinery protection systems
FUNCTION	reciprocating cylinder pressure monitor
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from 3500 System documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Input Channels	Four
Input Signal	Cylinder pressure transducers
Measured Variables	Peak compression and tension
Rod Reversal Output	Degree of rod reversal
Recorder Output	4 to 20 mA
Recorder Load	600 ohm maximum

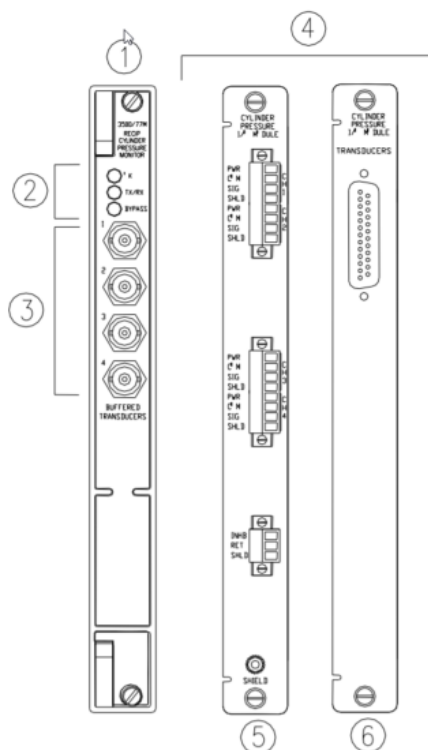
02 PREPARATION AND CONNECTION

- Confirm the complete 3500/77M 176449-07 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

3500/77M Recip Cylinder Pressure Monitor
Datasheet

147485 Rev. Y

Graphs and Figures



1. Main 3500/77M Cylinder Pressure Monitor Module (front view).
2. Status LEDs.
3. Buffered transducer outputs. These provide an unfiltered output for each of the four transducers. All are short circuit protected.
4. I/O module rear views.
5. Cylinder Pressure I/O Module, Internal Termination.
6. Cylinder Pressure I/O Module, External Termination.

Figure 1: 3500/77M Front and Rear View

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Bently Nevada official manufacturer documentation
Product record	3500/77M 176449-07
Manufacturer	3500 System
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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