



T8480

Trusted TMR 4-20 mA Analog Output Module



INSTALLATION AND COMMISSIONING WORKBOOK

1

IDENTIFY

2

ISOLATE

3

INSTALL

4

VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Confirm T8480, hardware revision and the assigned Trusted slot.	☐
2	Place all affected analog final elements in manual or safe state.	☐
3	Isolate the five field-power groups before disturbing loop wiring.	☐
4	Record loop polarity, shield termination, load and engineering range.	☐

PRE-WORK RECORD

Work order		Drawing / revision	
Checked by		Date	

Installation and connection sequence

Install T8480 in a T8100 or T8300 I/O-module slot with the documented analog-output termination hardware and five field-power groups. Verify loop polarity, load resistance, channel scaling and measured current feedback before releasing any 4-20 mA final element.

05

Verify termination hardware, keying and the approved module grouping.

06

Restore Toolset channel scaling and discrepancy parameters.

07

Inject commanded currents and compare measured feedback on every channel.

08

Complete actuator response, diagnostics and standby-swap tests before release.

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 T8480 identity and revision, T8100/T8300 slot, field termination unit, five supply groups, loop polarity and shielding, load resistance, Toolset scaling, discrepancy settings, firmware/application versions and complete 4-20 mA functional tests before commissioning.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	T8122 Apter Power product page
02	T9082U Apter Power product page
03	T9431 Apter Power product page
04	TC-215-02-10M5 Apter Power product page
05	TC-215-02-12M5 Apter Power product page
06	TC-301-02-2M0 Apter Power product page
07	TC-301-02-6M5 Apter Power product page
08	TC-301-02-10M0 Apter Power product page

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

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