

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T9482

8 Channel Analogue Output Module

CHANNELS	SIGNAL TYPE	OUTPUT SIGNAL	PLATFORM
8	Analogue Output	4-20 mA	AADvance

T9482 is an AADvance analogue output module with 8 current-sink channels for compatible field devices. It delivers nominal 4 to 20 mA signals and monitors channel voltage and current, with reverse-current protection and open or short circuit diagnostics.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T9482
Output channels	8
Output operating principle	Current sink
Nominal output current	4 to 20 mA
Maximum output range	0.1 to 24 mA
Module supply	Redundant nominal 24 V DC; 18 to 32 V DC
Module power dissipation	3.6 W
Operating field supply	18 to 32 V DC

02 TECHNICAL DATA

Current control resolution	0.98 microamp, 15-bit
Current control accuracy	+/-10 microamps at 25 degrees C
Current monitoring resolution	3.9 microamps, 13-bit
Compliance voltage	3 to 32 V DC
Load impedance	0 to 750 ohms, limited by compliance voltage; 250 ohms typical
Field-loop power dissipation	0.77 W per field loop
Compatible terminations	T9881/T9882

03 APPLICATION AND CONFIGURATION

- Power Generation: Electricity Generation at Gas Fired and Combined Cycle Facilities.
- Oil & Gas: Petroleum Extraction, Gas Treatment and Hydrocarbon Processing Facilities.
- Chemical Processing: Bulk Chemical Manufacturing and Specialty Product Production Areas.

04 OFFICIAL DOCUMENTATION

ICSTT-RM447N-EN-P | AADvance Solutions Handbook | February 2021

Handbook PDF pp. 118-120: product specifications. Separate RM448 build manual: original installation and field-loop drawings.

ICSTT-RM448N | AADvance System Build Manual | September 2024

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

AMIKON PRODUCT SUPPORT

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