

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex TC-304-01

Front Panel Diagnostics Cable



INTERFACE	CABLE	CONNECTORS	LOCATION
RS232 diagnostics	Belden 9536	9-way D / 6-way DIN	Ordinary locations

TC-304-01 connects an engineering workstation or PC to the front-panel RS232 diagnostics port on a Trusted TMR Processor or Communications Interface. The manufacturer specifies a six-core Belden cable with different connectors at the computer and equipment ends.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	TC-304-01
Documented connection	Engineering workstation or PC to front-panel diagnostics
Serial interface	RS232
Compatible equipment	T8110 TMR Processor or T8151 Communications Interface
Cable construction	6-core Belden 9536

02 TECHNICAL DATA

D-type connector	9-way
DIN connector	6-way
Insulation convention	PVC; -01 variant
Catalog electrical limit	60 V / 2 A maximum per channel
Catalog location designation	Ordinary Locations

03 APPLICATION AND CONFIGURATION

- Chemical Processing: Continuous Chemical Production and Batch Manufacturing Process Areas.
- Power Generation: Natural Gas Electricity Production and Utility Generation Facilities.
- Oil & Gas: Hydrocarbon Production, Refining and Petroleum Transport Operating Areas.

04 OFFICIAL DOCUMENTATION

ICSTT-RM312N-EN-P | Trusted Communications Cables | Issue 17, May 2019

RM312N PDF p. 21: Figure 4 and exact cable description; pp. 7-8: safety warnings. PC002G PDF p. 5: electrical limit and location restriction.

ICSTT-PC002G | Trusted Product Information | December 2025

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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM