

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex TC-305-01

Trusted Communications Flying Lead Cable

HOST	FLYING LEADS	MODULE PLUG	SHEATH
T8151	Eight	78+2-way type M	PVC

TC-305-01 provides flying-lead connections to the communications ports of a Trusted T8151 Communications Interface. The module end uses a 78+2-way type M connector in a single-width hood with an earth braid, while eight leads provide the external connections.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	TC-305-01
Host interface	Trusted T8151 Communications Interface
Module-end connector	78+2-way type M
Connector enclosure	Single-width hood
External cable ends	Eight flying leads
Cable construction	Screened Cat 5

02 TECHNICAL DATA

Sheath material	PVC; -01 variant
Earth connection	Braid fitted to the module-end hood
Flying-lead protection	Heatshrink at the sheath ends
Coaxial Ethernet leads	50 ohm; E1 and E3
Ethernet media restriction	Use either documented media type, not both simultaneously
Catalog electrical limit	60 V / 2 A maximum per channel

03 APPLICATION AND CONFIGURATION

- Oil & Gas: Oil Production, Gas Processing and Petroleum Transportation Facilities.
- Chemical Processing: Chemical Manufacturing, Batch Processing and Industrial Formulation Facilities.
- Power Generation: Gas Turbine Generation and Combined Cycle Power Stations.

04 OFFICIAL DOCUMENTATION

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

Cable construction: RM312N PDF p. 23; original port drawings: pp. 24-26; safety warnings: pp. 7-8. Electrical limits: PC002G PDF p. 5.

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

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