

TRICONEX SAFETY SYSTEM

Product Data Sheet

4000103-510

Analog input cable assembly

FUNCTION Analog input cable assembly	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 1.4 kg
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Triconex 4000103-510 is a Analog input cable assembly for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Type	Analog input cable assembly
Order Reference	4000103-510
System Platform	Triconex safety control system
Primary Function	Connects analog input termination hardware
Channel or Port Capacity	One keyed multi-channel cable
Electrical Classification	Legacy Tricon interface signals
Compatible Hardware	9753-110 and 9771-210 panels
Mounting Arrangement	Cabinet cable route
Connection Interface	3000400-510 ETA family
Diagnostic Coverage	End-to-end conductor verification

Documented Variant	FT1 analog input cable
Operating Environment	0 to 60 °C controller service
Storage Environment	–40 to 75 °C equipment storage
Relative Humidity	5 to 95% non-condensing
Commissioning Requirement	Verify every affected safety path

- Carry sensor channels from the panel: Mate the cable only to the documented ETA and compatible analog input termination.
- Shield continuity: Preserve the instrument-cable shield and protective-earth arrangement at both ends.
- Signal path proof: Inject a known input at the field boundary and compare the controller reading.

Match 4000103-510 to the installed Triconex safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Tricon Technical Product Guide](#)

<https://www.se.com/ww/en/work/products/industrial-automation-control/triconex-safety-systems/>

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