

## FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

4000094-316

Digital output interface cable

[illegible]

|          |                                  |
|----------|----------------------------------|
| PRODUCT  | 4000094-316                      |
| FAMILY   | Triconex safety system           |
| FUNCTION | Digital output interface cable   |
| STATUS   | Verify exact installed equipment |

Prepared by Amikon Limited from Triconex documentation. This guide supplements the complete manufacturer manual and site procedure.

## 01

## CONFIRM THE ORDERED CONFIGURATION

|                       |                                     |
|-----------------------|-------------------------------------|
| Product Class         | Factory-terminated interface cable  |
| Order Reference       | 4000094-316                         |
| System Platform       | Tricon safety controller            |
| Cable Function        | Digital-output I/O interface        |
| Nominal Length        | 16 ft / 4.88 m                      |
| Conductor Arrangement | Industrial multi-core signal bundle |

## 02

## PREPARATION AND CONNECTION

- Confirm the complete 4000094-316 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

## Part Number Cross-Reference

Part Number Cross-Reference—ETPs (continued)

| Base Model # | ETA         | FT4 Cable   | Z Cable     | LSZH Cable  | FT1 Cable (Old) |
|--------------|-------------|-------------|-------------|-------------|-----------------|
| 9661-610     | 3000520-160 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9661-810     | 3000550-180 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9661-910     | 3000520-180 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9662-110     | 3000570-310 | 4000188-310 | 4000193-310 | 4000141-310 | 4000094-310     |
| 9662-610     | 3000520-390 | 4000188-310 | 4000193-310 | 4000141-310 | 4000094-310     |
| 9662-710     | 3000550-390 | 4000188-310 | 4000193-310 | 4000141-310 | 4000094-310     |
| 9662-810     | 3000520-380 | 4000188-310 | 4000193-310 | 4000141-310 | 4000094-310     |
| 9662-910     | 3000550-380 | 4000188-310 | 4000193-310 | 4000141-310 | 4000094-310     |
| 9663-610     | 3000725-160 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9664-110     | 3000726-110 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9664-810     | 3000520-170 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9667-110     | 3000570-710 | 4000188-210 | 4000193-210 | 4000141-210 | 4000094-210     |
| 9667-810     | 3000520-280 | 4000188-210 | 4000193-210 | 4000141-210 | 4000094-210     |
| 9667-910     | 3000550-280 | 4000188-210 | 4000193-210 | 4000141-210 | 4000094-210     |
| 9668-110     | 3000590-110 | 4000188-110 | 4000193-110 | 4000141-110 | 4000094-110     |
| 9670-110     | 3000290-110 | 4000203-110 | 4000204-110 | n/a         | 4000111-110     |
| 9670-610     | 3000290-160 | 4000203-110 | 4000204-110 | n/a         | 4000111-110     |
| 9671-610     | 3000769-390 | 4000196-310 | 4000200-310 | n/a         | 4000166-310     |
| 9671-810     | 3000290-380 | 4000203-310 | 4000204-310 | n/a         | 4000111-310     |
| 9672-810     | 3000290-280 | 4000203-210 | 4000204-210 | n/a         | 4000111-210     |
| 9673-810     | 3000290-181 | 4000203-110 | 4000204-110 | n/a         | 4000111-110     |
| 9750-210     | 3000420-120 | 4000206-510 | 4000207-510 | n/a         | 4000093-510     |
| 9750-310     | 3000420-310 | 4000187-310 | 4000192-310 | 4000140-310 | 4000093-310     |
| 9750-410     | 3000420-410 | 4000187-210 | 4000192-210 | 4000140-210 | 4000093-210     |
| 9750-810     | 3000420-180 | 4000206-510 | 4000207-510 | n/a         | 4000093-510     |
| 9753-110     | 3000400-510 | 4000189-510 | 4000191-510 | 4000142-510 | 4000103-510     |
| 9760-210     | 3000470-510 | 4000206-510 | 4000207-510 | n/a         | 4000093-510     |
| 9760-410     | 3000470-530 | 4000206-510 | 4000207-510 | n/a         | 4000093-510     |
| 9761-210     | 3000510-510 | 4000189-510 | 4000191-510 | 4000142-510 | 4000103-510     |
| 9761-410     | 3000510-530 | 4000189-510 | 4000191-510 | 4000142-510 | 4000103-510     |
| 9762-210     | 3000510-560 | 4000189-510 | 4000191-510 | 4000142-510 | 4000103-510     |

## 04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

## 05 CONTROLLED DOCUMENT

|                 |                                |
|-----------------|--------------------------------|
| Official source | Tricon Technical Product Guide |
| Product record  | 4000094-316                    |
| Manufacturer    | Triconex                       |
| Warranty        | 12 months from AMIKON          |
| Support         | INFO@AMIKON.CN                 |

AMIKON PRODUCT SUPPORT

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