

AMIKON TECHNICAL INTELLIGENCE

Installation Instructions

Honeywell CC-TPIX11 / 51306544-175
Redundant Pulse Input IOTA

01 CONFIRM THE CONFIGURATION

IOTA	CC-TPIX11
Part number	51306544-175
Compatible module	CC-PPIX01
Channels	8
Fast cutoff	Supported
Prover Pulse Bus	Supported

02 BEFORE INSTALLATION

- De-energize the Series C cabinet.
- Verify module and IOTA part numbers.
- Confirm field power and external bias.
- Check relay and Prover Pulse Bus wiring.
- Inspect terminal blocks and replaceable fuses.

03 OFFICIAL IOTA REFERENCE

The official Honeywell reference below identifies the redundant CC-TPIX11 Pulse Input IOTA and its TB1 channel assignments.

5.21 Pulse Input Module IOTA Model CC-TPIX11

The Series C PIM redundant IOTA is represented by the following graphic.

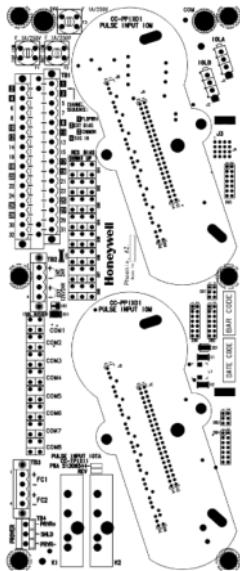


Figure 98: Pulse Input Module redundant IOTA

The following tables provide information on pin assignments of the terminal blocks of the Pulse Input Module IOTA.

Table 75: Pulse Input Module IOTA – Terminal block 1* pin assignments

Channel	Terminal Block 1			
	FLDPWR+	EXT BIAS	COMMON	SIG IN
	Upper connector	Lower connector	Upper connector	Lower connector
Channel 1	1	2	3	4
Channel 2	5	6	7	8
Channel 3	9	10	11	12
Channel 4	13	14	15	16
Channel 5	17	18	19	20
Channel 6	21	22	23	24
Channel 7	25	26	27	28
Channel 8	29	30	31	32

04 WIRING AND COMMISSIONING

- Wire each channel to its assigned field-power, bias, common and signal terminals.
- Configure internal or external sensor power only as documented.
- Verify fast-cutoff relay connections and safe behavior.
- Confirm Prover Pulse Bus polarity and routing.
- Test pulse frequency, channel mapping and diagnostics before service.

05 CONTROLLED DOCUMENTS

Official source	Honeywell Series C I/O User Guide
IOTA	CC-TPIX11 / 51306544-175
Module	CC-PPIX01
Support	INFO@AMIKON.CN