

## Pin-Out Table

Termination Board field side			Modules		Termination Board control side	Triconex signal name
Module	Channel	IS terminals TB1 ... TB4	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X1	3704E, 3720
1	1	1	5a	8a	AA	IN1
		4	5b			
		2	1a			
		5	1b			
2	2	1	5a	8a	LL	IN2
		4	5b			
		2	1a			
		5	1b			
3	3	1	5a	8a	z1	IN3
		4	5b			
		2	1a			
		5	1b			
4	4	1	5a	8a	EE	IN4
		4	5b			
		2	1a			
		5	1b			
5	5	1	5a	8a	p1	IN5
		4	5b			
		2	1a			
		5	1b			
6	6	1	5a	8a	v1	IN6
		4	5b			
		2	1a			
		5	1b			
7	7	1	5a	8a	h1	IN7
		4	5b			
		2	1a			
		5	1b			
8	8	1	5a	8a	l1	IN8
		4	5b			
		2	1a			
		5	1b			
9	9	1	5a	8a	e1	IN9
		4	5b			
		2	1a			
		5	1b			
10	10	1	5a	8a	b1	IN10
		4	5b			
		2	1a			
		5	1b			
11	11	1	5a	8a	w	IN11
		4	5b			
		2	1a			
		5	1b			
12	12	1	5a	8a	S	IN12
		4	5b			
		2	1a			
		5	1b			
13	13	1	5a	8a	L	IN13
		4	5b			
		2	1a			
		5	1b			
14	14	1	5a	8a	F	IN14
		4	5b			
		2	1a			
		5	1b			
15	15	1	5a	8a	M	IN15
		4	5b			
		2	1a			
		5	1b			

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16	16	1	5a	8a	B	IN16
		4	5b			
		2	1a			
		5	1b			
17	17	1	5a	8a	BB	IN17
		4	5b			
		2	1a			
		5	1b			
18	18	1	5a	8a	MM	IN18
		4	5b			
		2	1a			
		5	1b			
19	19	1	5a	8a	CC	IN19
		4	5b			
		2	1a			
		5	1b			
20	20	1	5a	8a	HH	IN20
		4	5b			
		2	1a			
		5	1b			
21	21	1	5a	8a	t1	IN21
		4	5b			
		2	1a			
		5	1b			
22	22	1	5a	8a	x1	IN22
		4	5b			
		2	1a			
		5	1b			
23	23	1	5a	8a	j1	IN23
		4	5b			
		2	1a			
		5	1b			
24	24	1	5a	8a	m1	IN24
		4	5b			
		2	1a			
		5	1b			
25	25	1	5a	8a	f1	IN25
		4	5b			
		2	1a			
		5	1b			
26	26	1	5a	8a	c1	IN26
		4	5b			
		2	1a			
		5	1b			
27	27	1	5a	8a	Z	IN27
		4	5b			
		2	1a			
		5	1b			
28	28	1	5a	8a	U	IN28
		4	5b			
		2	1a			
		5	1b			
29	29	1	5a	8a	P	IN29
		4	5b			
		2	1a			
		5	1b			
30	30	1	5a	8a	J	IN30
		4	5b			
		2	1a			
		5	1b			

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Termination Board field side			Modules		Termination Board control side	Triconex signal name
Module	Channel	IS terminals TB1 ... TB4	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X1	3704E, 3720
31	31	1	5a	8a	N	IN31
		4	5b			
		2	1a			
		5	1b			
32	32	1	5a	8a	C	IN32
		4	5b			
		2	1a			
		5	1b			
					E, A, NN, JJ, y1, n1, d1, V, K, D, DD, k1, R	RTN
					DD, k1, R	V <sub>cc</sub>

Terminal pin-out	HART connector	Pin	Channel
HART	X2	1, 2	IN1
		3, 4	IN2
		5, 6	IN3
		7, 8	IN4
		9, 10	IN5
		11, 12	IN6
		13, 14	IN7
		15, 16	IN8
		17, 18	IN9
		19, 20	IN10
		21, 22	IN11
		23, 24	IN12
		25, 26	IN13
		27, 28	IN14
		29, 30	IN15
		31, 32	IN16
	X3	1, 2	IN17
		3, 4	IN18
		5, 6	IN19
		7, 8	IN20
		9, 10	IN21
		11, 12	IN22
		13, 14	IN23
		15, 16	IN24
		17, 18	IN25
		19, 20	IN26
		21, 22	IN27
		23, 24	IN28
		25, 26	IN29
		27, 28	IN30
		29, 30	IN31
		31, 32	IN32

Terminal pin-out			
Power supply	X20	1+	
		1-	
	X20	2+	
		2-	
ERR	X20	Fault Bus	

**Pin-Out Table**

Module pin-out (SL1): module 1 ... 32	
V <sub>cc</sub>	2a
	2b
CH-COM	7a
GND	1a
	1b
ERR	6b



The loop drawing has to be observed. For information see corresponding data sheet on [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).