

## Pin-Out Table

Termination Board field side			Modules		Termination Board control side	Triconex signal name
Module	Channel	IS terminals TB1	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X1	3700A, 3721
1	1	1	5a	8a	AA	IN1+
		4	5b	7a	LL	IN1-
	2	2	1a	10a	z1	IN2+
		5	1b	9a	EE	IN2-
2	3	1	5a	8a	p1	IN3+
		4	5b	7a	v1	IN3-
	4	2	1a	10a	h1	IN4+
		5	1b	9a	l1	IN4-
3	5	1	5a	8a	e1	IN5+
		4	5b	7a	b1	IN5-
	6	2	1a	10a	W	IN6+
		5	1b	9a	S	IN6-
4	7	1	5a	8a	L	IN7+
		4	5b	7a	F	IN7-
	8	2	1a	10a	M	IN8+
		5	1b	9a	B	IN8-
5	9	1	5a	8a	BB	IN9+
		4	5b	7a	MM	IN9-
	10	2	1a	10a	CC	IN10+
		5	1b	9a	HH	IN10-
6	11	1	5a	8a	t1	IN11+
		4	5b	7a	x1	IN11-
	12	2	1a	10a	j1	IN12+
		5	1b	9a	m1	IN12-
7	13	1	5a	8a	f1	IN13+
		4	5b	7a	c1	IN13-
	14	2	1a	10a	Z	IN14+
		5	1b	9a	U	IN14-
8	15	1	5a	8a	P	IN15+
		4	5b	7a	J	IN15-
	16	2	1a	10a	N	IN16+
		5	1b	9a	C	IN16-

## Pin-Out Table

Termination Board field side			Modules		Termination Board control side	Triconex signal name
Module	Channel	IS terminals TB2	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X2	3700A, 3721
9	17	1	5a	8a	AA	IN17+
		4	5b	7a	LL	IN17-
	18	2	1a	10a	z1	IN18+
		5	1b	9a	EE	IN18-
10	19	1	5a	8a	p1	IN19+
		4	5b	7a	v1	IN19-
	20	2	1a	10a	h1	IN20+
		5	1b	9a	l1	IN20-
11	21	1	5a	8a	e1	IN21+
		4	5b	7a	b1	IN21-
	22	2	1a	10a	W	IN22+
		5	1b	9a	S	IN22-
12	23	1	5a	8a	L	IN23+
		4	5b	7a	F	IN23-
	24	2	1a	10a	M	IN24+
		5	1b	9a	B	IN24-
13	25	1	5a	8a	BB	IN25+
		4	5b	7a	MM	IN25-
	26	2	1a	10a	CC	IN26+
		5	1b	9a	HH	IN26-
14	27	1	5a	8a	t1	IN27+
		4	5b	7a	x1	IN27-
	28	2	1a	10a	j1	IN28+
		5	1b	9a	m1	IN28-
15	29	1	5a	8a	f1	IN29+
		4	5b	7a	c1	IN29-
	30	2	1a	10a	Z	IN30+
		5	1b	9a	U	IN30-
16	31	1	5a	8a	P	IN31+
		4	5b	7a	J	IN31-
	32	2	1a	10a	N	IN32+
		5	1b	9a	C	IN32-

## Pin-Out Table


Terminal pin-out	HART connector	Pin	Channel
HART	X3	1	IN1+
		2	IN1-
		3	IN2+
		4	IN2-
		5	IN3+
		6	IN3-
		7	IN4+
		8	IN4-
		9	IN5+
		10	IN5-
		11	IN6+
		12	IN6-
		13	IN7+
		14	IN7-
		15	IN8+
		16	IN8-
		17	IN9+
		18	IN9-
		19	IN10+
		20	IN10-
		21	IN11+
		22	IN11-
		23	IN12+
		24	IN12-
		25	IN13+
		26	IN13-
		27	IN14+
		28	IN14-
		29	IN15+
		30	IN15-
		31	IN16+
		32	IN16-

## Pin-Out Table

Terminal pin-out	HART connector	Pin	Channel
HART	X4	1	IN17+
		2	IN17-
		3	IN18+
		4	IN18-
		5	IN19+
		6	IN19-
		7	IN20+
		8	IN20-
		9	IN21+
		10	IN21-
		11	IN22+
		12	IN22-
		13	IN23+
		14	IN23-
		15	IN24+
		16	IN24-
		17	IN25+
		18	IN25-
		19	IN26+
		20	IN26-
		21	IN27+
		22	IN27-
		23	IN28+
		24	IN28-
		25	IN29+
		26	IN29-
		27	IN30+
		28	IN30-
		29	IN31+
		30	IN31-
		31	IN32+
		32	IN32-

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

Module pin-out (SL1): module 1 ... 16	
V <sub>cc</sub>	2a
	2b
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).