

Pin-Out Table for Connection of 8-channel DO Card

Termination Board field side			Modules		Termination Board control side	Emerson signal name
Module	Channel	IS terminals TB1	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector CN1	DeltaV
1	1	7	7a	7a	1	CH1-
		1	5a	8a	2	CH1+
		4	5b			
	2	6	3b	9a	3	CH2-
		2	1a	10a	4	CH2+
		5	1b			
Screen	9					
2	3	7	7a	7a	5	CH3-
		1	5a	8a	6	CH3+
		4	5b			
	4	6	3b	9a	7	CH4-
		2	1a	10a	8	CH4+
		5	1b			
Screen	9					
3	5	7	7a	7a	9	CH5-
		1	5a	8a	10	CH5+
		4	5b			
	6	6	3b	9a	11	CH6-
		2	1a	10a	12	CH6+
		5	1b			
Screen	9					
4	7	7	7a	7a	13	CH7-
		1	5a	8a	14	CH7+
		4	5b			
	8	6	3b	9a	15	CH8-
		2	1a	10a	16	CH8+
		5	1b			
Screen	9					

Pin-Out Table for Connection of 32-channel DO Card

Termination Board field side			Modules			Termination Board control side			Emerson signal name
Module	Channel	IS terminals TB1	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector Board 2 CN3	System connector Board 1 CN2	System connector Board 1 CN3	DeltaV	
1	1	7	7a	7a			18, 20	Return	
		1	5a	8a			1	CH1+/CH17+	
		4	5b						
	2	6	3b	9a			18, 20	Return	
		2	1a	10a			2	CH2+/CH18+	
		5	1b						
Screen	9								
2	3	7	7a	7a			18, 20	Return	
		1	5a	8a			3	CH3+/CH19+	
		4	5b						
	4	6	3b	9a			18, 20	Return	
		2	1a	10a			4	CH4+/CH20+	
		5	1b						
Screen	9								
3	5	7	7a	7a			18, 20	Return	
		1	5a	8a			5	CH5+/CH21+	
		4	5b						
	6	6	3b	9a			18, 20	Return	
		2	1a	10a			6	CH6+/CH22+	
		5	1b						
Screen	9								
4	7	7	7a	7a			18, 20	Return	
		1	5a	8a			7	CH7+/CH23+	
		4	5b						
	8	6	3b	9a			18, 20	Return	
		2	1a	10a			8	CH8+/CH24+	
		5	1b						
Screen	9								
5	1	7	7a	7a	18, 20	18, 20	18, 20	Return	
		1	5a	8a	1	1	9	CH9+/CH25+	
		4	5b						
	2	6	3b	9a		18, 20	18, 20	18, 20	Return
		2	1a	10a		2	2	10	CH10+/CH26+
		5	1b						
Screen	9								
6	3	7	7a	7a	18, 20	18, 20	18, 20	Return	
		1	5a	8a	3	3	11	CH11+/CH27+	
		4	5b						
	4	6	3b	9a		18, 20	18, 20	18, 20	Return
		2	1a	10a		4	4	12	CH12+/CH28+
		5	1b						
Screen	9								
7	5	7	7a	7a	18, 20	18, 20	18, 20	Return	
		1	5a	8a	5	5	13	CH13+/CH29+	
		4	5b						
	6	6	3b	9a		18, 20	18, 20	18, 20	Return
		2	1a	10a		6	6	14	CH14+/CH30+
		5	1b						
Screen	9								
8	7	7	7a	7a	18, 20	18, 20	18, 20	Return	
		1	5a	8a	7	7	15	CH15+/CH31+	
		4	5b						
	8	6	3b	9a		18, 20	18, 20	18, 20	Return
		2	1a	10a		8	8	16	CH16+/CH32+
		5	1b						
Screen	9								
					9 ... 16	9 ... 16		n.c.	
					17, 19	17, 19	17, 19	Fault	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".


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Pin-Out Table

Terminal pin-out		
Power supply	X20	1+
		2-
	X20	3+
		4-
Fault	X20	5
		6

Module pin-out (SL1): module 1 ... 4	
V _{cc}	2a
	2b
GND	1a
	1b
FAULT	6b

 The loop drawing has to be observed. For information see corresponding data sheet on www.pepperl-fuchs.com.