

Service Bulletin

Bulletin No. 04-06
May 26, 2006

To: ITW Ransburg and ITW Automotive Finishing Distributors
Subject: New DynaFlow 12-Bit Channel Card (P/N A10946)

The new 12-bit Channel Card for the DynaFlow (P/N: A10946) has a different jumper configuration than the now obsoleted 8-bit module (P/N: 77206-11). Please refer to the table below when setting the jumpers on the new channel cards.

Analog Inputs:

Jumper	Description	Type	Pin 1-2	Pin 2-3	Factory Setting
JMP1	Flow Rate Setpoint, Ch. A	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP2	Spare Input, Ch. A	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP3	Flow Rate Setpoint, Ch. B	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP4	Spare Input, Ch. B	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	

Analog Outputs:

Jumper	Description	Type	Pin 1-2	Pin 2-3	Factory Setting
JMP5	Control Pressure, Ch. A	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP6	Actual Flow, Ch. A	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP7	Control Pressure, Ch. B	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	
JMP8	Actual Flow, Ch. B	0-10 VDC	Open	Closed	✓
		4-20 mA	Closed	Open	

Discrete (Digital) Inputs:

Jumper	Description	Type	Pin 1-2	Pin 2-3	Factory Setting
JMP9	Trigger, Ch. A Run Mode, Ch. A Transparent Mode, Ch. A	Source	Open	Closed	✓
		Sink	Closed	Open	
JMP10	Total Hold, Ch. A Gun Mask, Ch. A Halt, Ch. A	Source	Open	Closed	✓
		Sink	Closed	Open	
JMP11	Total Reset, Ch. A Clean Mode, Ch. A Load Mode, Ch. A Analog Hold, Ch. A	Source	Open	Closed	✓
		Sink	Closed	Open	
JMP12	External Fault, Ch. A Spare Input, Ch. A Trigger, Ch. B Run Mode, Ch. B Transparent Mode, Ch. B	Source	Open	Closed	✓
		Sink	Closed	Open	
JMP13	Total Hold, Ch. B Gun Mask, Ch. B Halt, Ch. B	Source	Open	Closed	✓
		Sink	Closed	Open	
JMP14	Total Reset, Ch. B Clean Mode, Ch. B Load Mode, Ch. B Analog Hold, Ch. B External Fault, Ch. B Spare Input, Ch. B	Source	Open	Closed	✓
		Sink	Closed	Open	

Flowmeter Inputs:

Jumper	Description	Type	Pin 1-2	Pin 2-3	Factory Setting
JMP15	Flow Rate Freq. Input, Channels A and B	Source	Open	Closed	✓
		Sink	Closed	Open	

Memory and Processor Settings:

Jumper	Description	Type	Pin 1-2	Pin 2-3	Factory Setting
JMP16	UVEPROM	256 KB	Closed	Open	
		512 KB	Open	Closed	✓
		1024 KB	Open	Closed	
JMP17	RAM	8Kx8	Open	Closed	
		16Kx8	Closed	Open	
		32Kx8	Closed	Open	✓
JMP18	Processor Pin EA	Run	Open	Closed	✓
		Prog.	Closed	Open	