

Forward Carriage

cRIO Channels

cRIO Module	Channel	Signal	Comment
<i>NI-9870 Serial Interface</i>			
<i>NI-9207 Analog Input Ch.</i>	AI0	LTCC S1	0-10V
	AI1	LTCC S2	0-10V
	AI2	LTCC S3	0-10V
	AI3	LTCC S4	0-10V
	AI4	LTCC S5	0-10V
	AI5	LTCC S6	0-10V
	AI6	LTCC MKS 223	0-10V
	AI7		
	AI8	LTCC - S3 DP	Dwyer 0-3 iwc Differential Pressure Tranducer
	AI9	LTCC - S5 DP	Dwyer 0-3 iwc Differential Pressure Tranducer
	AI10	LTCC - S6 DP	Dwyer 0-3 iwc Differential Pressure Tranducer
	AI11	LTCC - S2 DP	Dwyer 0-3 iwc Differential Pressure Tranducer
	AI12	C4F10 Supply Pressure	Dyer pressure transducer 0-50 psig
	AI13		
	AI14		
AI15			
<i>NI-9481 Digital Output</i>	DO0	S2 Supply	LTCC Gas Panel Solenoid control signal
	DO1	S3 Supply	LTCC Gas Panel Solenoid control signal
	DO2	S5 Supply	LTCC Gas Panel Solenoid control signal
	DO3	S6 Supply	LTCC Gas Panel Solenoid control signal
<i>NI-9481 Digital Output</i>	DO0	S2 Return	LTCC Gas Panel Solenoid control signal
	DO1	S3 Return	LTCC Gas Panel Solenoid control signal
	DO2	S5 Return	LTCC Gas Panel Solenoid control signal
	DO3	S6 Return	LTCC Gas Panel Solenoid control signal
<i>NI-9215</i>	AI0	Spare Pressure 1	0-10V
	AI1	Spare Pressure 2	0-10V
	AI2	Spare Pressure 3	0-10V
	AI3		
<i>NI-9217</i>	RTD0		
	RTD1		
	RTD2		
	RTD3		
<i>NI-9474 Digital Output</i>	DO0	LTCC - MFC Reset	Coil power to reset MFCs
	DO1		
	DO2		
	DO3		
	DO4		
	DO5		
	DO6		
	DO7		