

Error Code Sensor Voltage Tests

Use the table as a quick reference for measuring supply and signal voltages for the sensor channels that are specific to the error code listed.

Signal Voltage					
Error Code	Channel		Terminal Board Terminal X1		Nominal Voltage (VDC)
			Pin 'ground'	Pin 'supply'	
E11/21	1	Length	8	11	-5
E12/22	2	Pressure Piston side	19	20	-5
			19	18	+5
E13/23	3	Pressure Rod side	14	15	-5
			14	13	+5
E14/24	4	Force	27	26	+18
E15/25	5	Angle Main boom	8	11	-5
E16/26	6	Angle Jib	23	25	-5
E17/27	7				

Signal Voltage						
Error Code	Channel		Terminal Board Terminal X1			Amplified Signal on main board use MP15 - GND and MP supply voltage 0.5...4.5V
			Pin 'ground'	Pin 'supply'	Voltage (VDC)	
E11/21	1	Length	8	10	-0.5...-4.5	MP6
E12/22	2	Pressure Piston side	8	21	0...-1	MP4
E13/23	3	Pressure Rod side	8	16	0...-1	MP5
E14/24	4	Force	29	28	0...-1	MP3
E15/25	5	Angle Main boom	8	9	-1.875...-3.125	MP8
E16/26	6	Angle Jib	8	24	-1.875...-3.125	MP9
E17/27	7		8	7	-0.5...-4.5	MP7