

DS150 - Reference Tables for measuring supply and signal voltages for sensor channels

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	2	Length	8	11	-5
E12/22	1	Pressure Piston side	19	20	-5
			19	18	+5
E13/23	0	Pressure Rod side	14	15	-5
			14	13	+5
E15/25	3	Angle Main boom	8	11	-5
E16/26	4	Angle Jib	23	25	-5

Signal Voltage						
Error Code	Channel		Terminal Board Terminal X1			Amplified Signal on main board use MP10 - GND and MP supply voltage 0.5...4.5V
			Pin 'ground'	Pin 'supply'	Voltage (VDC)	
E11/21	2	Length	8	10	-0.5...-4.5	MP13
E12/22	0	Pressure Piston side	8	21	0...-1	MP11
E13/23	1	Pressure Rod side	8	16	0...-1	MP12
E15/25	3	Angle Main boom	8	9	-1.875...-3.125	MP14
E16/26	4	Angle Jib	8	24	-1.875...-3.125	MP15