

ALLOWABLE LINE LENGTHS

Power Supply Voltage (Vdc)	4-20 MA Termination (Ohms)	Allowable Loop Resistance (Ohms)	Wire Gauge	Allowable Line Length (Feet)	(Meters)
30	250	110	14	27,000	8200
			16	17,000	5150
			18	10,600	3250
			20	6050	1800
			24	4200	1250
28	250	95	14	23,400	7100
			16	14,700	4450
			18	9200	2800
			20	5200	1550
			22	3650	1100
26	250	80	24	2300	700
			14	19,800	6000
			16	12,400	3800
			18	7800	2350
			20	4400	1350
24	250	65	22	3100	900
			24	1950	550
			14	16,200	4900
			16	10,200	3100
			18	6350	1950
22	250	58	20	3600	1100
			22	2500	750
			24	1600	490
			14	12,600	3800
			16	7900	2400
20	250	51	18	4950	1500
			20	2800	850
			22	1950	600
			24	1250	380
			14	9000	2700
18	250	20	16	5650	1700
			18	3550	1050
			20	2000	600
			22	1400	430
			24	850	270
16	250	14	14	5400	1600
			16	3400	1000
			18	2100	650
			20	1200	360
			22	800	250
15	250	0	24	500	160
			14	1800	500
			16	1100	340
			18	700	210
			20	400	120
			22	280	80
			24	170	50
LINE LENGTH MUST NOT EXCEED 10 FEET (3.05 METERS)					