2.5mm FP200

2km FP200 Gold + 80 SCI (Worst Case)	No. of Sensors	Sensor Current (mA)	Potential No. of sounders (by Address)	Residual Current (mA)	Actual No. of Sounders
Allowed Current - 83mA	20	4	106	79	7
Loop Impedance - 48 Ohm	40	8	86	75	7
2.5mm FP200	60	12	66	71	7
	80	16	46	67	6
	100	20	26	63	6
	126	25	0	58	0

2km FP200 Gold + 10 SCI (Nominal Case)	No. of Sensors	Sensor Current (mA)	Potential No. of sounders (by Address)	Residual Current (mA)	Actual No. of Sounders
Allowed Current - 118mA	20	4	106	114	11
Loop Impedance - 34 Ohm	40	8	86	110	11
2.5mm FP200	60	12	66	106	10
	80	16	46	102	10
	100	20	26	98	9
	126	25	0	93	0

2km FP200 Gold + 0 SCI (Best Case)	No. of Sensors	Sensor Current (mA)	Potential No. of sounders (by Address)	Residual Current (mA)	Actual No. of Sounders
Allowed Current -125mA	20	4	106	121	12
Loop Impedance - 32 Ohm	40	8	86	117	11
2.5mm FP200	60	12	66	113	11
	80	16	46	109	10
	100	20	26	105	10
	126	25	0	100	0