

SMU Analog (4~20mA) Programming Parameters

Item	Parameter	Input Range	Default	Factory Setting	Rev.1	Description
1	Run					Indicates the Standard Operation Mode which displays the last measurement cycle
2	Val 4mA	1.0 to 150ft	150.00 ft	A ft		Defines distance from start/socket position that represents the 4mA signal.
3	Val 20mA	1.0 to 150ft	1.00 ft	B ft		Defines distance from start/socket position that represents the 20mA signal.
4	Trim 4mA	-20 to +20		0	0	Defines a calibration factor that can be used to fine tune the 4mA output(zero) value.
5	Trim 20mA	-20 to +20		0	0	Defines a calibration factor that can be used to fine tune the 20mA output(span) value.
6	Sig Updt	Continue/EOT	EOT	EOT		Defines when the 4~20mA signal delivered to the output terminal.
7	Err Sig	none/Less2mA / gtr 23mA	none	none		Defines how the 4~20mA will be influenced by any error that are detected during measurement cycle.
8	Auto Time	Off: On-Board timer off On: On-Board timer on	off	on		Defines whether or not the on-board timer is used to start measurement cycles.
9	Tm Inter	0.25 to 168 hr	24 Hrs	xx.x Hrs		Defines time interval between measurement cycles. To synchronize timer with current time, momentary press the System Reset Switch
10	Cyc Limit	1.00 to 150.00 ft	150.00 ft	D ft (must higher than A)		Defines the measurement cycle distance(depth) that is allowed before the SMU automatically return the plumb bob to the atart/socket position.
11	Rly Mode	<u>Cyc Opr: Relay activated during Lo Thres: Hi Thres:</u> <u>Error Det:</u>	Cyc Opr	Error Det		Selects how the relay output will be influenced by the measurement cycle.
12	Rly Thrs	1.00 to 150.00 ft	150.00 ft	E ft (Setting ft)		Selects distance from start/socket position that is used to determine relay status when Lo Thres or Hi Thres is selected in Rly Mode parameter.
13	Cyc Good	Read only	n/a	n/a		Display # of good cycles made with SMU.
14	Cyc Err	Read only	n/a	n/a		Display # of cycle errors made with SMU.
15	Software	Read only	n/a	n/a		Display display version of micro-processor

