Modbus Register Listing

SAGE PRIME REV. 1.80–2.07

UINT32	IEEE Float	SCALED INT32*		
Reg Offset	Reg Offset	Reg Offset	Reg Description	Type
256			format flag	UINT8
256			modbus unit_id	UINT8
257			output mode sel	UINT8
257			fix_pt selection	UINT8
257			bRun	UINT1
257			bTotal	UINT1
257			bEEProm	UINT1
257			bReset	UINT1
257			bLeadEn	UINT1
257			bDAClo	UINT1
257			bDAChi	UINT1
	514	770	CAL_VAL	FLOAT
	516	772	K-FACTOR	FLOAT
	518	774	VREF	FLOAT
	520	776	LOAD_RES	FLOAT
TEMP	522	778	COEFF A	FLOAT
TEMP	524	780	COEFF B	FLOAT
TEMP	526	782	COEFF C	FLOAT
TEMP	528	784	COEFF D	FLOAT
	530	786	DISP A	FLOAT
	532	788	DISP B	FLOAT
	534	790	DISP C	FLOAT
	536	792	DISP D	FLOAT
FLOW	538	794	COEFF A	FLOAT
FLOW	540	796	COEFF B	FLOAT
FLOW	542	798	COEFF C	FLOAT
FLOW	544	800	COEFF D	FLOAT
FLOW	546	802	COEFF E	FLOAT
FLOW	548	804	COEFF F	FLOAT

UINT32	IEEE Float	SCALED INT32*		
Reg Offset	Reg Offset	Reg Offset	Reg Description	Type
	550	806	iir filter coeff	FLOAT
	552	808	flow_min	FLOAT
	554	810	flow_max	FLOAT
	556	812	PULSE COUNT	FLOAT
	558	814	temp_max	FLOAT
302			dac1_min	UINT16
304			dac1_max	UINT16
306			serial number	UINT32
308			RATE string	ASCII
310			TOTAL string	ASCII
312			current totalizer	UINT32
314			ADC0	UINT32
316			ADC1	UINT32
318			ADC2	UINT32
320			ADC3	UINT32
	578	834	current flow	FLOAT
	580	836	current temp	FLOAT
	582	838	rtd_mWatts	FLOAT
	584	840	rtd_res	FLOAT
	586	842	ref_res_r	FLOAT
	588	844	ref_res_d	FLOAT
	590	846	dac_smooth	FLOAT
	592	848	lead	FLOAT
	594	850	oheat	FLOAT
	596	852	bv	FLOAT
	598	854	fv	FLOAT
	600	856	tv	FLOAT
	602	858	Iv	FLOAT

*SCALED INT32 register contents form INT32 values by multiplying the IEEE FLOAT x 1000
ex. FLOAT –> 112.768 = SCALED INT32 –> 112768