

HACH sc200 Controller MODBUS Registers
06/2011

Manufacturer ID	Instrument ID	Template ID	Instrument Name	Group Name	Tag Name	Register #	Data Type	Length	R/W	Units(U)	Parameter(Discrete Range	Min/Max Range	Hidden	Icon	Description
0	39	3	sc200	Measurement	Calculated Value	40001	Float	2	R			-3.40282347E+38/3.40282347E+38	0		A measurement calculated from sensor measurements
	0	39	3	sc200	Setup	Language	40003	Unsigned Integer	1	R/W	?		0		Language to be used on the controller (0=English; 1=German; 2=Spanish; 3=French; 4=Italian; 5=Norwegian; 6=Danish; 7=Swedish; 8=Chinese; 9=Polish; 10=Japanese; 11=Korean; 12=Portuguese; 13=Slovak; 14=Russian; 15=Hungarian; 16=Bulgarian; 17=Rumanian; 18=Czech; 19=Turkish; 20=Finnish; 21=Greek
0	39	3	sc200	Setup	Data Format	40004	Unsigned Integer	1	R/W		?		0		Format used for the Data
0	39	3	sc200	Setup	Error Hold Mode	40005	Unsigned Integer	1	R/W			0/5	0		Hold mode when an error occurs
0	39	3	sc200	Setup	Location String	40006	String	8	R/W				0		Location name for the controller
0	39	3	sc200	Setup	Display Contrast	40014	Unsigned Integer	1	R/W			0/10	0		Display contrast setting (1-9)
0	39	3	sc200	Setup	Calculation Log Mode	40015	Unsigned Integer	1	R/W			0/3	0		Calculated measurement logging mode (0=Snapshot; 1=Average; 2=Maximum; 3=Minimum)
0	39	3	sc200	Setup	Calculation Log Interval	40016	Unsigned Integer	1	R/W			0/7	0		Calculated measurement logging mode (0=5sec; 1=30sec; 2=1min; 3=2min; 4=5min; 5=10min; 6=15min; 7=30min)
0	39	3	sc200	Setup/Calculation	Variable X Device Selection	40017	Unsigned Integer	1	R/W			0/1	0		Device selection to be used for the X variable in the calculations (0=Device 1; 1=Device 2)
0	39	3	sc200	Setup/Calculation	Variable Y Device Selection	40018	Unsigned Integer	1	R/W			0/1	0		Device selection to be used for the Y variable in the calculations (0=Device 1; 1=Device 2)
0	39	3	sc200	Setup/Calculation	Variable X Measurement Selection	40019	Unsigned Integer	1	R/W			0/15	0		Measurement selection to be used for the X variable in the calculations
0	39	3	sc200	Setup/Calculation	Variable Y Measurement Selection	40020	Unsigned Integer	1	R/W			0/16	0		Measurement selection to be used for the Y variable in the calculations
0	39	3	sc200	Setup/Calculation	Math Formula	40021	Unsigned Integer	1	R/W			0/16	0		Selection of the math formula used in the calculation
0	39	3	sc200	Setup/Calculation	Units	40022	String	3	R/W				0		Units for the calculated value
0	39	3	sc200	Setup/Calculation	Display Format	40025	Unsigned Integer	1	R/W			0/16	0		Display format for the calculated value
0	39	3	sc200	Setup/Calculation	Parameter	40026	String	3	R/W				0		Parameter for the calculated value
0	39	3	sc200	Setup/Calculation	Auto Range Selection X	40029	Unsigned Integer	1	R/W			0/15	0		Selection of which range (of auto range) measurement to use for variable X
0	39	3	sc200	Setup/Calculation	Auto Range Selection Y	40030	Unsigned Integer	1	R/W			0/16	0		Selection of which range (of auto range) measurement to use for variable Y
0	39	3	sc200	Setup/Output1	Source	40033	Unsigned Integer	1	R/W			0/4	0		The source to use for this output (none or probe)
0	39	3	sc200	Setup/Output1	Sensor Select	40034	Unsigned Integer	1	R/W			0/1	0		The device to use for this output
0	39	3	sc200	Setup/Output1	Measurement Select	40035	Unsigned Integer	1	R/W			0/15	0		The measurement within the sensor for this output
0	39	3	sc200	Setup/Output1	Function Select	40036	Unsigned Integer	1	R/W			0/1	0		The output type (0=Linear; 1=PID; 2=Logarithmic; 3=Billinear)
0	39	3	sc200	Setup/Output1	Transfer Value	40037	Float	2	R/W			0/25	0		The output value to be used for the transfer setting
0	39	3	sc200	Setup/Output1	Filter	40039	Unsigned Integer	1	R/W	15		0/999	0		Filter time (sec)
0	39	3	sc200	Setup/Output1	Zero Select	40040	Unsigned Integer	1	R/W			0/1	0		Selection of the zero level (0=0mA; 1=4mA)
0	39	3	sc200	Setup/Output1/Linear	Minimum Setting	40041	Float	2	R/W			-999999/999999	0		The measurement value for the minimum output
0	39	3	sc200	Setup/Output1/Linear	Maximum Setting	40043	Float	2	R/W			-999999/999999	0		The measurement value for the maximum output
0	39	3	sc200	Setup/Output1/Bilinear	Knee Value Setting	40045	Float	2	R/W			-999999/999999	0		The measurement value for the knee point output
0	39	3	sc200	Setup/Output1/Bilinear	Knee Current Setting	40047	Float	2	R/W	10		0/100.0	0		The current value for the knee point output
0	39	3	sc200	Setup/Output1/Logarithmic	50 Percent Setting	40049	Float	2	R/W			.0001/999999	0		The measurement value for 50% output
0	39	3	sc200	Setup/Output1/PID	Mode	40051	Unsigned Integer	1	R/W			0/1	0		The PID mode (0=Auto; 1=Manual)
0	39	3	sc200	Setup/Output1/PID	Manual Setting	40052	Float	2	R/W	10		0/100.0	0		The manual setting for the output (0 to 100%)
0	39	3	sc200	Setup/Output1/PID	Setpoint	40054	Float	2	R/W			-999999/999999	0		Setpoint for the PID control
0	39	3	sc200	Setup/Output1/PID	Phase	40056	Unsigned Integer	1	R/W			0/1	0		PID phase (0=Direct; 1=Reverse)
0	39	3	sc200	Setup/Output1/PID	Proportional Band	40057	Float	2	R/W			-999999/999999	0		Proportional Band
0	39	3	sc200	Setup/Output1/PID	Integral Time	40059	Unsigned Integer	1	R/W	15		0/9999	0		Integral Time (0 to 9999 sec)
0	39	3	sc200	Setup/Output1/PID	Derivative Time	40060	Unsigned Integer	1	R/W	15		0/9999	0		Derivative Time (0 to 9999 sec)
0	39	3	sc200	Setup/Output1	Auto Range Selection	40062	Unsigned Integer	1	R/W			0/16	0		Selection of which range (of auto range) measurement to use
0	39	3	sc200	Setup/Output2	Source	40063	Unsigned Integer	1	R/W			0/4	0		The source to use for this output (none or probe)
0	39	3	sc200	Setup/Output2	Sensor Select	40064	Unsigned Integer	1	R/W			0/1	0		The device to use for this output
0	39	3	sc200	Setup/Output2	Measurement Select	40065	Unsigned Integer	1	R/W			0/15	0		The measurement within the sensor for this output
0	39	3	sc200	Setup/Output2	Function Select	40066	Unsigned Integer	1	R/W			0/3	0		The output type (0=Linear; 1=PID; 2=Logarithmic; 3=Billinear)
0	39	3	sc200	Setup/Output2	Transfer Value	40067	Float	2	R/W			0/25	0		The output value to be used for the transfer setting
0	39	3	sc200	Setup/Output2	Filter	40069	Unsigned Integer	1	R/W	15		0/999	0		Filter time (sec)
0	39	3	sc200	Setup/Output2	Zero Select	40070	Unsigned Integer	1	R/W			0/1	0		Selection of the zero level (0=0mA; 1=4mA)
0	39	3	sc200	Setup/Output2/Linear	Minimum Setting	40071	Float	2	R/W			-999999/999999	0		The measurement value for the minimum output
0	39	3	sc200	Setup/Output2/Linear	Maximum Setting	40073	Float	2	R/W			-999999/999999	0		The measurement value for the maximum output
0	39	3	sc200	Setup/Output2/Bilinear	Knee Value Setting	40075	Float	2	R/W			-999999/999999	0		The measurement value for the knee point output
0	39	3	sc200	Setup/Output2/Bilinear	Knee Current Setting	40077	Float	2	R/W	10		0/100.0	0		The current value for the knee point output
0	39	3	sc200	Setup/Output2/Logarithmic	50 Percent Setting	40079	Float	2	R/W			.0001/999999	0		The measurement value for 50% output
0	39	3	sc200	Setup/Output2/PID	Mode	40081	Unsigned Integer	1	R/W			0/1	0		The PID mode (0=Auto; 1=Manual)
0	39	3	sc200	Setup/Output2/PID	Manual Setting	40082	Float	2	R/W	10		0/100.0	0		The manual setting for the output (0 to 100%)
0	39	3	sc200	Setup/Output2/PID	Setpoint	40084	Float	2	R/W			-999999/999999	0		Setpoint for the PID control
0	39	3	sc200	Setup/Output2/PID	Phase	40086	Unsigned Integer	1	R/W			0/1	0		PID phase (0=Direct; 1=Reverse)
0	39	3	sc200	Setup/Output2/PID	Proportional Band	40087	Float	2	R/W			-999999/999999	0		Proportional Band
0	39	3	sc200	Setup/Output2/PID	Integral Time	40089	Unsigned Integer	1	R/W	15		0/9999	0		Integral Time (0 to 9999 sec)
0	39	3	sc200	Setup/Output2/PID	Derivative Time	40090	Unsigned Integer	1	R/W	15		0/9999	0		Derivative Time (0 to 9999 sec)
0	39	3	sc200	Setup/Output2/PID	Transit Time	40091	Unsigned Integer	1	R/W	15		0/9999	0		Transit Time (0 to 9999 sec)
0	39	3	sc200	Setup/Output2	Auto Range Selection	40092	Unsigned Integer	1	R/W			0/15	0		Selection of which range (of auto range) measurement to use
0	39	3	sc200	Setup/Relay1	Source	40093	Unsigned Integer	1	R/W			0/4	0		The source to use for this relay (none, RTC, or probe)

0	39	3 sc200	Setup/Relay1	Sensor Select	40094 Unsigned Integer	1 R/W	0/1	0	The device to use for this relay
0	39	3 sc200	Setup/Relay1	Measurement Select	40095 Unsigned Integer	1 R/W	0/15	0	The measurement within the sensor for this relay
0	39	3 sc200	Setup/Relay1	Function Select	40096 Unsigned Integer	1 R/W	0/7	0	The relay type (0=Alarm; 1=Control; 2=Status; 3=Timer; 4=Event; 5=PWM Ctrl; 6=Freq Ctrl; 7=Scheduler)
0	39	3 sc200	Setup/Relay1	Transfer Value	40097 Unsigned Integer	1 R/W	0/1	0	The relay state to be used for the transfer setting (0=off; 1=on)
0	39	3 sc200	Setup/Relay1/Alarm	High Alarm	40098 Float	2 R/W	-999999/999999	0	The high alarm setting
0	39	3 sc200	Setup/Relay1/Alarm	Low Alarm	40100 Float	2 R/W	-999999/999999	0	The low alarm setting
0	39	3 sc200	Setup/Relay1/Alarm	High Alarm Deadband	40102 Float	2 R/W	-999999/999999	0	The high alarm deadband setting
0	39	3 sc200	Setup/Relay1/Alarm	Low Alarm Deadband	40104 Float	2 R/W	-999999/999999	0	The low alarm deadband setting
0	39	3 sc200	Setup/Relay1/Alarm	On Delay	40106 Unsigned Integer	1 R/W	0/999	15	The alarm on delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Alarm	Off Delay	40107 Unsigned Integer	1 R/W	0/999	0	The alarm off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Control	Setpoint	40108 Float	2 R/W	-999999/999999	0	The relay control setpoint
0	39	3 sc200	Setup/Relay1/Control	Phase	40110 Unsigned Integer	1 R/W	0/1	0	The controller action (0=direct; 1=reverse)
0	39	3 sc200	Setup/Relay1/Control	Deadband	40111 Float	2 R/W	-999999/999999	0	The controller deadband
0	39	3 sc200	Setup/Relay1/Control	Overfeed Timer	40113 Unsigned Integer	1 R/W	0/999	15	The overfeed timer setting (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Control	On Delay	40114 Unsigned Integer	1 R/W	0/999	15	The controller on delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Control	Off Delay	40115 Unsigned Integer	1 R/W	0/999	15	The controller off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Control	Overfeed Timer Reset	40116 Unsigned Integer	1 R/W	0/1	0	A write resets the overfeed timer
0	39	3 sc200	Setup/Relay1/Event	Setpoint	40117 Float	2 R/W	-999999/999999	0	The event setpoint
0	39	3 sc200	Setup/Relay1/Event	Phase	40119 Unsigned Integer	1 R/W	0/1	0	The event action (0=direct; 1=reverse)
0	39	3 sc200	Setup/Relay1/Event	Deadband	40120 Float	2 R/W	-999999/999999	0	The controller deadband
0	39	3 sc200	Setup/Relay1/Event	Max On Time	40122 Unsigned Integer	1 R/W	0/9999	15	The event control max on time
0	39	3 sc200	Setup/Relay1/Event	Min On Time	40123 Unsigned Integer	1 R/W	0/9999	15	The event control min on time
0	39	3 sc200	Setup/Relay1/Event	Max Off Time	40124 Unsigned Integer	1 R/W	0/9999	15	The event control max off time
0	39	3 sc200	Setup/Relay1/Event	Min Off Time	40125 Unsigned Integer	1 R/W	0/9999	15	The event control min off time
0	39	3 sc200	Setup/Relay1/Timer	Sensor Hold Type	40126 Unsigned Integer	1 R/W	0/0	0	Selects the sensor hold type (0=None; 2= particular sensor held; 13= all sensors held)
0	39	3 sc200	Setup/Relay1/Timer	Sensor Hold Select	40127 Unsigned Integer	1 R/W	0/0	0	Select probes to hold when this relay is on when the Hold Type is set for particular sensor. (0=sensor 1; 1=sensor 2)
0	39	3 sc200	Setup/Relay1/Timer	Hold Mode	40128 Unsigned Integer	1 R/W	0/0	0	Selects the hold mode used (1=hold; 2=transfer)
0	39	3 sc200	Setup/Relay1/Timer	Duration	40129 Unsigned Integer	1 R/W	0/0	0	Relay on time
0	39	3 sc200	Setup/Relay1/Timer	Interval Time	40130 Unsigned Integer	1 R/W	0/0	0	The interval time between triggering the relay on
0	39	3 sc200	Setup/Relay1/Timer	Off Delay	40131 Unsigned Integer	1 R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay1/Warning	Warning Level	40132 Unsigned Integer	1 R/W	0/0	0	The warning level that triggers the relay
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Mode	40133 Unsigned Integer	1 R/W	0/1	0	Manual vs Auto select (0=auto; 1=manual)
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Manual Setting	40134 Float	2 R/W	-3.40282347E+38/3.40282347E+38	0	The manual setting for the output (0 to 100%)
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Integral Time	40136 Unsigned Integer	1 R/W	0/65535	0	Integral Time (0 to 9999 sec)
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Period	40137 Float	2 R/W	0/3.40282347E+38	0	Period for PWM control
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Min Pulse Width	40139 Float	2 R/W	0/3.40282347E+38	0	Minimum pulse width
0	39	3 sc200	Setup/Relay1/PWM-FREQ Control	Max Pluse Width	40141 Float	2 R/W	0/3.40282347E+38	0	Maximum pulse width
0	39	3 sc200	Setup/Relay1	Range	40143 Unsigned Integer	1 R/W	0/16	0	Range selection for auto range tags
0	39	3 sc200	Setup/Relay1	Fail Safe Mode	40144 Unsigned Integer	1 R/W	0/16	0	Fail Safe Mode (0= off; 1=on)
0	39	3 sc200	Setup/Relay1/Timer	Start Time	40145 Time2	2 R/W	0/0	0	Start time for the scheduler
0	39	3 sc200	Setup/Relay1/Timer	Run days	40147 Unsigned Integer	1 R/W	0/16	0	Run day selection
0	39	3 sc200	Setup/Relay2	Source	40148 Unsigned Integer	1 R/W	0/4	0	The source to use for this relay (none, RTC, or probe)
0	39	3 sc200	Setup/Relay2	Sensor Select	40149 Unsigned Integer	1 R/W	0/4	0	The device to use for this relay
0	39	3 sc200	Setup/Relay2	Measurement Select	40150 Unsigned Integer	1 R/W	0/15	0	The measurement within the sensor for this relay
0	39	3 sc200	Setup/Relay2	Function select	40151 Unsigned Integer	1 R/W	0/0	0	The relay type (0=Alarm; 1=Control; 2=Status; 3=Timer; 4=Event; 5=PWM Ctrl; 6=Freq Ctrl; 7=Scheduler)
0	39	3 sc200	Setup/Relay2	Transfer Value	40152 Unsigned Integer	1 R/W	0/0	0	The relay state to be used for the transfer setting
0	39	3 sc200	Setup/Relay2/Alarm	High Alarm	40153 Float	2 R/W	0/0	0	The high alarm setting
0	39	3 sc200	Setup/Relay2/Alarm	Low Alarm	40155 Float	2 R/W	0/0	0	The low alarm setting
0	39	3 sc200	Setup/Relay2/Alarm	High Alarm Deadband	40157 Float	2 R/W	0/0	0	The high alarm deadband setting
0	39	3 sc200	Setup/Relay2/Alarm	Low Alarm Deadband	40159 Float	2 R/W	0/0	0	The low alarm deadband setting
0	39	3 sc200	Setup/Relay2/Alarm	On Delay	40161 Unsigned Integer	1 R/W	0/0	0	The alarm on delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Alarm	Off Delay	40162 Unsigned Integer	1 R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Control	Setpoint	40163 Float	2 R/W	0/0	0	The relay control setpoint
0	39	3 sc200	Setup/Relay2/Control	Phase	40165 Unsigned Integer	1 R/W	0/0	0	The controller action (0=direct; 1=reverse)
0	39	3 sc200	Setup/Relay2/Control	Deadband	40166 Float	2 R/W	0/0	0	The controller deadband
0	39	3 sc200	Setup/Relay2/Control	Overfeed Timer	40168 Unsigned Integer	1 R/W	0/0	0	The overfeed timer setting (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Control	On Delay	40169 Unsigned Integer	1 R/W	0/0	0	The controller on delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Control	Off Delay	40170 Unsigned Integer	1 R/W	0/0	0	The controller off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Control	Overfeed Timer Reset	40171 Unsigned Integer	1 R/W	0/0	0	A write resets the overfeed timer
0	39	3 sc200	Setup/Relay2/Event	Setpoint	40172 Float	2 R/W	0/0	0	The event setpoint
0	39	3 sc200	Setup/Relay2/Event	Phase	40174 Unsigned Integer	1 R/W	0/0	0	The event action (0=direct; 1=reverse)
0	39	3 sc200	Setup/Relay2/Event	Deadband	40175 Float	2 R/W	0/0	0	The controller deadband
0	39	3 sc200	Setup/Relay2/Event	Max On Time	40177 Unsigned Integer	1 R/W	0/0	0	The event control max on time
0	39	3 sc200	Setup/Relay2/Event	Min On Time	40178 Unsigned Integer	1 R/W	0/0	0	The event control min on time
0	39	3 sc200	Setup/Relay2/Event	Max Off Time	40179 Unsigned Integer	1 R/W	0/0	0	The event control max off time
0	39	3 sc200	Setup/Relay2/Event	Min Off Time	40180 Unsigned Integer	1 R/W	0/0	0	The event control min off time
0	39	3 sc200	Setup/Relay2/Timer	Sensor Hold Type	40181 Unsigned Integer	1 R/W	0/0	0	Selects the sensor hold type (0=None; 2= particular sensor held; 13= all sensors held)
0	39	3 sc200	Setup/Relay2/Timer	Sensor Hold Select	40182 Unsigned Integer	1 R/W	0/0	0	Select probes to hold when this relay is on when the Hold Type is set for particular sensor. (0=sensor 1; 1=sensor 2)
0	39	3 sc200	Setup/Relay2/Timer	Hold Mode	40183 Unsigned Integer	1 R/W	0/0	0	Selects the hold mode used (1=hold; 2=transfer)
0	39	3 sc200	Setup/Relay2/Timer	Duration	40184 Unsigned Integer	1 R/W	0/0	0	Relay on time
0	39	3 sc200	Setup/Relay2/Timer	Interval Time	40185 Unsigned Integer	1 R/W	0/0	0	The interval time between triggering the relay on
0	39	3 sc200	Setup/Relay2/Timer	Off Delay	40186 Unsigned Integer	1 R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay2/Warning	Warning Level	40187 Unsigned Integer	1 R/W	0/0	0	The warning level that triggers the relay
0	39	3 sc200	Setup/Relay2/PWM-FREQ Control	Mode	40188 Unsigned Integer	1 R/W	0/1	0	Manual vs Auto select (0=auto; 1=manual)

0	39	3	sc200	Setup/Relay2/PWM-FREQ Control	Manual Setting	40189	Float	2	R/W	-3.40282347E+38/3.40282347E+38	0	The manual setting for the output (0 to 100%)
0	39	3	sc200	Setup/Relay2/PWM-FREQ Control	Integral Time	40191	Unsigned Integer	1	R/W	0/65535	0	Integral Time (0 to 9999 sec)
0	39	3	sc200	Setup/Relay2/PWM-FREQ Control	Period	40192	Float	2	R/W	0/3.40282347E+38	0	Period for PWM control
0	39	3	sc200	Setup/Relay2/PWM-FREQ Control	Min Pulse Width	40194	Float	2	R/W	0/3.40282347E+38	0	Minimum pulse width
0	39	3	sc200	Setup/Relay2/PWM-FREQ Control	Max Pulse Width	40196	Float	2	R/W	0/3.40282347E+38	0	Maximum pulse width
0	39	3	sc200	Setup/Relay2	Range	40198	Unsigned Integer	1	R/W	0/16	0	Range selection for auto range tags
0	39	3	sc200	Setup/Relay2	Fail Safe Mode	40199	Unsigned Integer	1	R/W	0/16	0	Fail Safe Mode (0= off; 1=on)
0	39	3	sc200	Setup/Relay2/Timer	Start Time	40200	Time2	2	R/W		0	Start time for the scheduler
0	39	3	sc200	Setup/Relay2/Timer	Run days	40202	Unsigned Integer	1	R/W	0/16	0	Run day selection
0	39	3	sc200	Setup/Relay3	Source	40203	Unsigned Integer	1	R/W	0/4	0	The source to use for this relay (none, RTC, or probe)
0	39	3	sc200	Setup/Relay3	Sensor Select	40204	Unsigned Integer	1	R/W	0/0	0	The device to use for this relay
0	39	3	sc200	Setup/Relay3	Measurement Select	40205	Unsigned Integer	1	R/W	0/15	0	The measurement within the sensor for this relay
0	39	3	sc200	Setup/Relay3	Function select	40206	Unsigned Integer	1	R/W	0/0	0	The relay type (0=Alarm; 1=Control; 2=Status; 3=Timer; 4=Event; 5=PWM Ctrl; 6=Freq Ctrl; 7=Scheduler)
0	39	3	sc200	Setup/Relay3	Transfer Value	40207	Unsigned Integer	1	R/W	0/0	0	The relay state to be used for the transfer setting
0	39	3	sc200	Setup/Relay3/Alarm	High Alarm	40208	Float	2	R/W	0/0	0	The high alarm setting
0	39	3	sc200	Setup/Relay3/Alarm	Low Alarm	40210	Float	2	R/W	0/0	0	The low alarm setting
0	39	3	sc200	Setup/Relay3/Alarm	High Alarm Deadband	40212	Float	2	R/W	0/0	0	The high alarm deadband setting
0	39	3	sc200	Setup/Relay3/Alarm	Low Alarm Deadband	40214	Float	2	R/W	0/0	0	The low alarm deadband setting
0	39	3	sc200	Setup/Relay3/Alarm	On Delay	40216	Unsigned Integer	1	R/W	0/0	0	The alarm on delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Alarm	Off Delay	40217	Unsigned Integer	1	R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Control	Setpoint	40218	Float	2	R/W	0/0	0	The relay control setpoint
0	39	3	sc200	Setup/Relay3/Control	Phase	40220	Unsigned Integer	1	R/W	0/0	0	The controller action (0=direct; 1=reverse)
0	39	3	sc200	Setup/Relay3/Control	Deadband	40221	Float	2	R/W	0/0	0	The controller deadband
0	39	3	sc200	Setup/Relay3/Control	Overfeed Timer	40223	Unsigned Integer	1	R/W	0/0	0	The overfeed timer setting (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Control	On Delay	40224	Unsigned Integer	1	R/W	0/0	0	The controller on delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Control	Off Delay	40225	Unsigned Integer	1	R/W	0/0	0	The controller off delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Control	Overfeed Timer Reset	40226	Unsigned Integer	1	R/W	0/0	0	A write resets the overfeed timer
0	39	3	sc200	Setup/Relay3/Event	Setpoint	40227	Float	2	R/W	0/0	0	The event setpoint
0	39	3	sc200	Setup/Relay3/Event	Phase	40229	Unsigned Integer	1	R/W	0/0	0	The event action (0=direct; 1=reverse)
0	39	3	sc200	Setup/Relay3/Event	Deadband	40230	Float	2	R/W	0/0	0	The controller deadband
0	39	3	sc200	Setup/Relay3/Event	Max On Time	40232	Unsigned Integer	1	R/W	0/0	0	The event control max on time
0	39	3	sc200	Setup/Relay3/Event	Min On Time	40233	Unsigned Integer	1	R/W	0/0	0	The event control min on time
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Max Off Time	40234	Unsigned Integer	1	R/W	0/0	0	The event control max off time
0	39	3	sc200	Setup/Relay3/Event	Min Off Time	40235	Unsigned Integer	1	R/W	0/0	0	The event control min off time
0	39	3	sc200	Setup/Relay3/Timer	Sensor Hold Type	40236	Unsigned Integer	1	R/W	0/0	0	Selects the sensor hold type (0=None; 2= particular sensor held; 13= all sensors held)
0	39	3	sc200	Setup/Relay3/Timer	Sensor Hold Select	40237	Unsigned Integer	1	R/W	0/0	0	Select probes to hold when this relay is on when the Hold Type is set for particular sensor. (0=sensor 1; 1=sensor 2)
0	39	3	sc200	Setup/Relay3/Timer	Hold Mode	40238	Unsigned Integer	1	R/W	0/0	0	Selects the hold mode used (1=hold; 2=transfer)
0	39	3	sc200	Setup/Relay3/Timer	Duration	40239	Unsigned Integer	1	R/W	0/0	0	Relay on time
0	39	3	sc200	Setup/Relay4	Interval Time	40240	Unsigned Integer	1	R/W	0/0	0	The interval time between triggering the relay on
0	39	3	sc200	Setup/Relay3/Timer	Off Delay	40241	Unsigned Integer	1	R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay3/Warning	Warning Level	40242	Unsigned Integer	1	R/W	0/0	0	The warning level that triggers the relay
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Mode	40243	Unsigned Integer	1	R/W	0/1	0	Manual vs Auto select (0=auto; 1=manual)
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Manual Setting	40244	Float	2	R/W	-3.40282347E+38/3.40282347E+38	0	The manual setting for the output (0 to 100%)
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Integral Time	40246	Unsigned Integer	1	R/W	0/65535	0	Integral Time (0 to 9999 sec)
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Period	40247	Float	2	R/W	0/3.40282347E+38	0	Period for PWM control
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Min Pulse Width	40249	Float	2	R/W	0/3.40282347E+38	0	Minimum pulse width
0	39	3	sc200	Setup/Relay3/PWM-FREQ Control	Max Pulse Width	40251	Float	2	R/W	0/3.40282347E+38	0	Maximum pulse width
0	39	3	sc200	Setup/Relay3	Range	40253	Unsigned Integer	1	R/W	0/16	0	Range selection for auto range tags
0	39	3	sc200	Setup/Relay3	Fail Safe Mode	40254	Unsigned Integer	1	R/W	0/16	0	Fail Safe Mode (0= off; 1=on)
0	39	3	sc200	Setup/Relay3/Timer	Start Time	40255	Time2	2	R/W		0	Start time for the scheduler
0	39	3	sc200	Setup/Relay3/Timer	Run days	40257	Unsigned Integer	1	R/W	0/16	0	Run day selection
0	39	3	sc200	Setup/Relay4	Source	40258	Unsigned Integer	1	R/W	0/4	0	The source to use for this relay (none, RTC, or probe)
0	39	3	sc200	Setup/Relay4	Sensor Select	40259	Unsigned Integer	1	R/W	0/4	0	The device to use for this relay
0	39	3	sc200	Setup/Relay4	Measurement Select	40260	Unsigned Integer	1	R/W	0/15	0	The measurement within the sensor for this relay
0	39	3	sc200	Setup/Relay4	Function select	40261	Unsigned Integer	1	R/W	0/0	0	The relay type (0=Alarm; 1=Control; 2=Status; 3=Timer; 4=Event; 5=PWM Ctrl; 6=Freq Ctrl; 7=Scheduler)
0	39	3	sc200	Setup/Relay4	Transfer Value	40262	Unsigned Integer	1	R/W	0/0	0	The relay state to be used for the transfer setting
0	39	3	sc200	Setup/Relay4/Alarm	High Alarm	40263	Float	2	R/W	0/0	0	The high alarm setting
0	39	3	sc200	Setup/Relay4/Alarm	Low Alarm	40265	Float	2	R/W	0/0	0	The low alarm setting
0	39	3	sc200	Setup/Relay4/Alarm	High Alarm Deadband	40267	Float	2	R/W	0/0	0	The high alarm deadband setting
0	39	3	sc200	Setup/Relay4/Alarm	Low Alarm Deadband	40269	Float	2	R/W	0/0	0	The low alarm deadband setting
0	39	3	sc200	Setup/Relay4/Alarm	On Delay	40271	Unsigned Integer	1	R/W	0/0	0	The alarm on delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay4/Alarm	Off Delay	40272	Unsigned Integer	1	R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay4/Control	Setpoint	40273	Float	2	R/W	0/0	0	The relay control setpoint
0	39	3	sc200	Setup/Relay4/Control	Deadband	40275	Float	2	R/W	0/0	0	The controller deadband
0	39	3	sc200	Setup/Relay4/Control	Overfeed Timer	40277	Unsigned Integer	1	R/W	0/0	0	The overfeed timer setting (0 to 999 sec)
0	39	3	sc200	Setup/Relay4/Control	On Delay	40278	Unsigned Integer	1	R/W	0/0	0	The controller on delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay4/Control	Off Delay	40279	Unsigned Integer	1	R/W	0/0	0	The controller off delay time (0 to 999 sec)
0	39	3	sc200	Setup/Relay4/Control	Phase	40280	Unsigned Integer	1	R/W	0/0	0	The controller action (0=direct; 1=reverse)
0	39	3	sc200	Setup/Relay4/Control	Overfeed Timer Reset	40281	Unsigned Integer	1	R/W	0/0	0	A write resets the overfeed timer
0	39	3	sc200	Setup/Relay4/Event	Setpoint	40282	Float	2	R/W	0/0	0	The event setpoint
0	39	3	sc200	Setup/Relay4/Event	Phase	40284	Unsigned Integer	1	R/W	0/0	0	The event action (0=direct; 1=reverse)
0	39	3	sc200	Setup/Relay4/Event	Deadband	40285	Float	2	R/W	0/0	0	The controller deadband
0	39	3	sc200	Setup/Relay4/Event	Max On Time	40287	Unsigned Integer	1	R/W	0/0	0	The event control max on time
0	39	3	sc200	Setup/Relay4/Event	Min On Time	40288	Unsigned Integer	1	R/W	0/0	0	The event control min on time
0	39	3	sc200	Setup/Relay4/Event	Max Off Time	40289	Unsigned Integer	1	R/W	0/0	0	The event control max off time
0	39	3	sc200	Setup/Relay4/Event	Min Off Time	40290	Unsigned Integer	1	R/W	0/0	0	The event control min off time
0	39	3	sc200	Setup/Relay4/Timer	Sensor Hold Type	40291	Unsigned Integer	1	R/W	0/0	0	Selects the sensor hold type (0=None; 2= particular sensor held; 13= all sensors held)

0	39	3 sc200	Setup/Relay4/Timer	Sensor Hold Select	40292 Unsigned Integer	1 R/W	0/0	0	Select probes to hold when this relay is on when the Hold Type is set for particular sensor. (0=sensor 1; 1=sensor 2)
0	39	3 sc200	Setup/Relay4/Timer	Hold Mode	40293 Unsigned Integer	1 R/W	0/0	0	Selects the hold mode used (1=hold; 2=transfer)
0	39	3 sc200	Setup/Relay4/Timer	Duration	40294 Unsigned Integer	1 R/W	0/0	0	Relay on time
0	39	3 sc200	Setup/Relay4/Timer	Interval Time	40295 Unsigned Integer	1 R/W	0/0	0	The interval time between triggering the relay on
0	39	3 sc200	Setup/Relay4/Timer	Off Delay	40296 Unsigned Integer	1 R/W	0/0	0	The alarm off delay time (0 to 999 sec)
0	39	3 sc200	Setup/Relay4/Warning	Warning Level	40297 Unsigned Integer	1 R/W	0/0	0	The warning level that triggers the relay
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Mode	40298 Unsigned Integer	1 R/W	0/1	0	Manual vs Auto select (0=auto; 1=manual)
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Manual Setting	40299 Float	2 R/W	-3.40282347E+38/3.40282347E+38	0	The manual setting for the output (0 to 100%)
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Integral Time	40301 Unsigned Integer	1 R/W	0/65535	0	Integral Time (0 to 9999 sec)
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Period	40302 Float	2 R/W	0/3.40282347E+38	0	Period for PWM control
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Min Pulse Width	40304 Float	2 R/W	0/3.40282347E+38	0	Minimum pulse width
0	39	3 sc200	Setup/Relay4/PWM-FREQ Control	Max Pluse Width	40306 Float	2 R/W	0/3.40282347E+38	0	Maximum pulse width
0	39	3 sc200	Setup/Relay4	Range	40308 Unsigned Integer	1 R/W	0/16	0	Range selection for auto range tags
0	39	3 sc200	Setup/Relay4	Fail Safe Mode	40309 Unsigned Integer	1 R/W	0/16	0	Fail Safe Mode (0= off; 1=on)
0	39	3 sc200	Setup/Relay4/Timer	Start Time	40310 Time2	2 R/W		0	Start time for the scheduler
0	39	3 sc200	Setup/Relay4/Timer	Run days	40312 Unsigned Integer	1 R/W	0/16	0	Run day selection
0	39	3 sc200	Measurement	Discrete 1 Input	40313 Unsigned Integer	1 R	0/1	0	State of the discrete input #1
0	39	3 sc200	Measurement	Discrete 2 Input	40314 Unsigned Integer	1 R	0/1	0	State of the discrete input #2
0	39	3 sc200	Measurement	Discrete 3 Input	40315 Unsigned Integer	1 R	0/1	0	State of the discrete input #3
0	39	3 sc200	Diagnostics/Test	Smart Sensor 1 Power	40316 Unsigned Integer	1 R/W	0/1	0	Smart Sensor 1 Power State (0=Off; 1=On)
0	39	3 sc200	Diagnostics/Test	Smart Sensor 2 Power	40317 Unsigned Integer	1 R/W	0/1	0	Smart Sensor 2 Power State (0=Off; 1=On)
0	39	3 sc200	Diagnostics	DM STK LEFT	40318 Unsigned Integer	1 R	0/65535	1	Device Manager Stack Entries Left
0	39	3 sc200	Diagnostics	SCAN1 STK LEFT	40319 Unsigned Integer	1 R	0/65535	1	Scan 1 Stack Entries Left
0	39	3 sc200	Diagnostics	SCAN2 STK LEFT	40320 Unsigned Integer	1 R	0/65535	1	Scan 2 Stack Entries Left
0	39	3 sc200	Diagnostics	SCAN3 STK LEFT	40321 Unsigned Integer	1 R	0/65535	1	Scan 3 Stack Entries Left
0	39	3 sc200	Diagnostics	SCAN4 STK LEFT	40322 Unsigned Integer	1 R	0/65535	1	Scan 4 Stack Entries Left
0	39	3 sc200	Diagnostics	SCAN5 STK LEFT	40323 Unsigned Integer	1 R	0/65535	1	Scan 5 Stack Entries Left
0	39	3 sc200	Diagnostics	MT STK LEFT	40324 Unsigned Integer	1 R	0/65535	1	Maintance Stack Entries Left
0	39	3 sc200	Diagnostics	MB NET STK LFT	40325 Unsigned Integer	1 R	0/65535	1	Modbus Net Stack Entries Left
0	39	3 sc200	Diagnostics	MB AUX STK LFT	40326 Unsigned Integer	1 R	0/65535	1	Modbus Aux Stack Entries Left
0	39	3 sc200	Diagnostics	UI STK LEFT	40327 Unsigned Integer	1 R	0/65535	1	UI Stack Entries Left
0	39	3 sc200	Diagnostics	SYS STK LEFT	40328 Unsigned Integer	1 R	0/65535	1	System Stack Entries Left
0	39	3 sc200	Diagnostics	SD STK LEFT	40329 Unsigned Integer	1 R	0/65535	1	SD card Stack Entries Left
0	39	3 sc200	Diagnostics	Idle time	40330 Unsigned Integer	1 R	0/65535	1	Microprocessor idle time (x100)
0	39	3 sc200	Diagnostics/Port Stats	Clear Stats Count	40331 Unsigned Integer	1 R/W	0/1	1	Clear the Modbus port stats count
0	39	3 sc200	Diagnostics/Port Stats	NetCard Good Msg	40332 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Network Card port
0	39	3 sc200	Diagnostics/Port Stats	NetCard Bad Msg	40334 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Network Card port
0	39	3 sc200	Diagnostics/Port Stats	NetCard % Good	40336 Float	2 R	0/100.0	1	Percentage of good messages on the Network Card port
0	39	3 sc200	Diagnostics/Port Stats	Service Port Good Msg	40338 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Service port
0	39	3 sc200	Diagnostics/Port Stats	Service Port Bad Msg	40340 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Service port
0	39	3 sc200	Diagnostics/Port Stats	Service Port % Good	40342 Float	2 R	0/100.0	1	Percentage of good messages on the Service Port
0	39	3 sc200	Diagnostics/Port Stats	Port1 Good Msg	40344 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Sensor port 1
0	39	3 sc200	Diagnostics/Port Stats	Port1 Bad Msg	40346 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Port1
0	39	3 sc200	Diagnostics/Port Stats	Port1 % Good	40348 Float	2 R	0/100.0	1	Percentage of good messages on the Port1
0	39	3 sc200	Diagnostics/Port Stats	Port2 Good Msg	40350 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Sensor port 2
0	39	3 sc200	Diagnostics/Port Stats	Port2 Bad Msg	40352 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Port2
0	39	3 sc200	Diagnostics/Port Stats	Port2 % Good	40354 Float	2 R	0/100.0	1	Percentage of good messages on the Port2
0	39	3 sc200	Diagnostics/Port Stats	Port3 Good Msg	40356 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Sensor port 3
0	39	3 sc200	Diagnostics/Port Stats	Port3 Bad Msg	40358 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Port3
0	39	3 sc200	Diagnostics/Port Stats	Port3 % Good	40360 Float	2 R	0/100.0	1	Percentage of good messages on the Port3
0	39	3 sc200	Diagnostics/Port Stats	Port4 Good Msg	40362 Unsigned Integer	2 R	0/4294967295	1	Number of good messages on the Sensor port 4
0	39	3 sc200	Diagnostics/Port Stats	Port4 Bad Msg	40364 Unsigned Integer	2 R	0/4294967295	1	Number of bad messages on the Port4
0	39	3 sc200	Diagnostics/Port Stats	Port4 % Good	40366 Float	2 R	0/100.0	1	Percentage of good messages on the Port4
0	39	3 sc200	Calibration	Output 1 Cal Count - 4 mA	40368 Unsigned Integer	1 R/W	0/25000	0	Calibration count for output 1 - 4mA value
0	39	3 sc200	Calibration	Output 1 Cal Count - 20 mA	40369 Unsigned Integer	1 R/W	35000/65533	0	Calibration count for output 1 - 20mA value
0	39	3 sc200	Calibration	Output 2 Cal Count - 4 mA	40370 Unsigned Integer	1 R/W	0/25000	0	Calibration count for output 2 - 4mA value
0	39	3 sc200	Calibration	Output 2 Cal Count - 20 mA	40371 Unsigned Integer	1 R/W	35000/65533	0	Calibration count for output 2 - 20mA value
0	39	3 sc200	Diagnostics/Logs	Clear Event Log	40372 Unsigned Integer	1 R/W	1/4	1	Clears one of the device event logs (1=Sensor1; 2=Sensor2; 3=NetworkCard; 4=sc200)
0	39	3 sc200	Diagnostics/Logs	Clear Data Log	40373 Unsigned Integer	1 R/W	1/4	1	Clears one of the device data logs (1=Sensor1; 2=Sensor2; 4=sc200)
0	39	3 sc200	Diagnostics/Test	Output 1 Test Enable	40374 Unsigned Integer	1 R/W	0/1	0	Enable Output 1 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Output 1 Value	40375 Float	2 R/W	0/25.0	0	Output 1 Value
0	39	3 sc200	Diagnostics/Test	Output 2 Test Enable	40377 Unsigned Integer	1 R/W	0/1	0	Enable Output 2 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Output 2 Value	40378 Float	2 R/W	0/25.0	0	Output 2 Value
0	39	3 sc200	Diagnostics/Test	Relay 1 Test Enable	40380 Unsigned Integer	1 R/W	0/1	0	Enable Relay 1 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Relay 1 Value	40381 Unsigned Integer	1 R/W	0/1	0	Relay 1 Value
0	39	3 sc200	Diagnostics/Test	Relay 2 Test Enable	40382 Unsigned Integer	1 R/W	0/1	0	Enable Relay 2 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Relay 2 Value	40383 Unsigned Integer	1 R/W	0/1	0	Relay 2 Value
0	39	3 sc200	Diagnostics/Test	Relay 3 Test Enable	40384 Unsigned Integer	1 R/W	0/1	0	Enable Relay 3 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Relay 3 Value	40385 Unsigned Integer	1 R/W	0/1	0	Relay 3 Value
0	39	3 sc200	Diagnostics/Test	Relay 4 Test Enable	40386 Unsigned Integer	1 R/W	0/1	0	Enable Relay 4 Test mode (0=Disabled; 1=Enabled)
0	39	3 sc200	Diagnostics/Test	Relay 4 Value	40387 Unsigned Integer	1 R/W	0/1	0	Relay 4 Value
0	39	3 sc200	Diagnostics/Test	Keyboard Test	40388 Unsigned Integer	1 R/W	0/0	0	Enter key stroke or see last key entry
0	39	3 sc200	Diagnostics	Internal Temperature	40389 Float	2 R	-60.0/190.0	0	Internal temperature of the unit
0	39	3 sc200	Diagnostics	12V Supply	40391 Float	2 R	0/15.0	0	Current 12V supply measurement
0	39	3 sc200	Diagnostics	3.3V CURRENT	40393 Float	2 R	0/1.0	0	Total 3.3V Supply current (A)
0	39	3 sc200	Diagnostics	12V CURRENT	40395 Float	2 R	0/2.51	0	Total 12V Supply current (A)
0	39	3 sc200	Diagnostics	SMART SENSOR 1 CUR	40397 Float	2 R	0/2.5	0	Smart Sensor 1 - 12V Supply current (A)
0	39	3 sc200	Diagnostics	SMART SENSOR 2 CUR	40399 Float	2 R	0/2.5	0	Smart Sensor 2 - 12V Supply current (A)

0	39	3 sc200	Diagnostics	ANALOG SENSOR 1 CUR	40401 Float	2 R	0/0.25	0	Analog Sensor 1 - 12V Supply current (A)
0	39	3 sc200	Diagnostics	ANALOG SENSOR 2 CUR	40403 Float	2 R	0/0.25	0	Analog Sensor 2 - 12V Supply current (A)
0	39	3 sc200	Diagnostics/Test	PID 1 Prop Component	40405 Float	2 R	0/0	1	The proportional component of PID1 output
0	39	3 sc200	Diagnostics/Test	PID 1 Intg Component	40407 Float	2 R	0/0	1	The intg component of PID1 output
0	39	3 sc200	Diagnostics/Test	PID 1 Derv Component	40409 Float	2 R	0/0	0	The derv component of PID1 output
0	39	3 sc200	Diagnostics/Test	PID 1 Total	40411 Float	2 R	0/0	0	The total of all component of PID1 output
0	39	3 sc200	Diagnostics/Test	Max Temperature	40413 Float	2 R	25 -60.0/190.0	0	Daily max temperature
0	39	3 sc200	Diagnostics/Test	Min Temperature	40415 Float	2 R	25 -60.0/190.0	0	Daily min temperature
0	39	3 sc200	Diagnostics	Network Error	40432 Unsigned Integer	1 R	0/65535	0	Error word for the network (bit0 = Sensor1 communications error; bit1 = Sensor 2 communications error; bits2-15 not used = 0)
0	39	3 sc200	Diagnostics	Network Status	40433 Unsigned Integer	1 R	0/65535	0	Status word for the network (bit0 = Sensor1 connected; bit1 = Sensor 2 connected; bit2 = Relay A active; bit3 = Relay B active; bit4 = RelayC active; bit5 = RelayC active; bits6-15 not used = 0)
0	39	3 sc200	Diagnostics	Sd Board Status	40434 Unsigned Integer	1 R	0/65535	0	
0	39	3 sc200	Diagnostics	12V Gound	40437 Float	2 R	0/2.50	0	Current 12V ground measurement
0	39	3 sc200	Diagnostics	Set Defaults	40442 Unsigned Integer	1 R/W	0/1	0	Sets the configurations settings to default conditions
0	39	3 sc200	Setup/Input1	Initialization Flag	40443 Unsigned Integer	1 R/W	0/1	0	This flag is set after the input has been initialized
0	39	3 sc200	Setup/Input2	Initialization Flag	40444 Unsigned Integer	1 R/W	0/1	0	This flag is set after the input has been initialized
0	39	3 sc200	Setup/Input3	Initialization Flag	40445 Unsigned Integer	1 R/W	0/1	0	This flag is set after the input has been initialized
0	39	3 sc200	Setup/Input1	Mode	40446 Unsigned Integer	1 R/W	0/2	0	Input mode of operation (0=Disabled; 1=Active On/High; 2=Active Off/Low)
0	39	3 sc200	Setup/Input2	Mode	40447 Unsigned Integer	1 R/W	0/2	0	Input mode of operation (0=Disabled; 1=Active On/High; 2=Active Off/Low)
0	39	3 sc200	Setup/Input3	Mode	40448 Unsigned Integer	1 R/W	0/2	0	Input mode of operation (0=Disabled; 1=Active On/High; 2=Active Off/Low)
0	39	3 sc200	Setup/Input1	Warning Enable	40449 Unsigned Integer	1 R/W	0/1	0	Warning enable flag (0=Disabled; 1=Enabled)
0	39	3 sc200	Setup/Input2	Warning Enable	40450 Unsigned Integer	1 R/W	0/1	0	Warning enable flag (0=Disabled; 1=Enabled)
0	39	3 sc200	Setup/Input3	Warning Enable	40451 Unsigned Integer	1 R/W	0/1	0	Warning enable flag (0=Disabled; 1=Enabled)
0	39	3 sc200	Setup/Input1	Hold Mode	40452 Unsigned Integer	1 R/W	0/2	0	Hold Mode (1=Active; 2=Hold; 3=Transfer)
0	39	3 sc200	Setup/Input2	Hold Mode	40453 Unsigned Integer	1 R/W	0/2	0	Hold Mode (1=Active; 2=Hold; 3=Transfer)
0	39	3 sc200	Setup/Input3	Hold Mode	40454 Unsigned Integer	1 R/W	0/2	0	Hold Mode (1=Active; 2=Hold; 3=Transfer)
0	39	3 sc200	Setup/Input1	Hold Selection	40455 Unsigned Integer	1 R/W	0/3	0	Select which sensor use the Hold Mode (bit 0=Sensor 1; bit 1=Sensor 2)
0	39	3 sc200	Setup/Input2	Hold Selection	40456 Unsigned Integer	1 R/W	0/3	0	Select which sensor use the Hold Mode (bit 0=Sensor 1; bit 1=Sensor 2)
0	39	3 sc200	Setup/Input3	Hold Selection	40457 Unsigned Integer	1 R/W	0/3	0	Select which sensor use the Hold Mode (bit 0=Sensor 1; bit 1=Sensor 2)
0	39	3 sc200	Setup/Input1	On Delay	40458 Unsigned Integer	1 R/W	0/999	0	On delay time (sec)
0	39	3 sc200	Setup/Input2	On Delay	40459 Unsigned Integer	1 R/W	0/999	0	On delay time (sec)
0	39	3 sc200	Setup/Input3	On Delay	40460 Unsigned Integer	1 R/W	0/999	0	On delay time (sec)
0	39	3 sc200	Setup/Input1	Off Delay	40461 Unsigned Integer	1 R/W	0/999	0	Off delay time (sec)
0	39	3 sc200	Setup/Input2	Off Delay	40462 Unsigned Integer	1 R/W	0/999	0	Off delay time (sec)
0	39	3 sc200	Setup/Input3	Off Delay	40463 Unsigned Integer	1 R/W	0/999	0	Off delay time (sec)
0	39	3 sc200	Diagnostics	Slot 0 Mapping	40464 Unsigned Integer	1 R	0/65535	1	Bit field mapping of relay and analog output mapping of the sensor installed in slot 0
0	39	3 sc200	Diagnostics	Slot 0 Mapping	40465 Unsigned Integer	1 R	0/65535	1	Bit field mapping of relay and analog output mapping of the sensor installed in slot 0
0	39	3 sc200	Setup	Telegram Configuration Mode	40466 Unsigned Integer	1 R/W	0/1	0	Sets the Profibus Telegram configuration to Auto Mode (0) or Manual Mode (1)