Modbus Register
sc200 PW Flow Module

V1.02

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sc200 PW Flow Module V1.02

Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
FLOW A	40001	Float	2	R		0 /99999.99	The flow rate for channel A
FLOW B	40003	Float	2	R		0 /99999.99	The flow rate for channel B
FLOW C	40005	Float	2	R		0 /99999.99	The flow rate for channel C
FLOW D	40007	Float	2	R		0 /99999.99	The flow rate for channel D
VOLUME A	40009	Float	2	R		0 /999999999	The volume for channel A
VOLUME B	40011	Float	2	R		0 /999999999	The volume for channel B
VOLUME C	40013	Float	2	R		0 /999999999	The volume for channel C
VOLUME D	40015	Float	2	R		0 /999999999	The volume for channel D
FLOW UNITS A	40017	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units of flow for channel A: LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149
FLOW UNITS B	40018	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units of flow for channel B: LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149
FLOW UNITS C	40019	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units of flow for channel C: LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149

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Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
FLOW UNITS D	40020	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units of flow for channel D: LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149
VOLUME UNITS A	40021	Unsigned Integer	1	R		0 /65535	The units of volume for channel A
VOLUME UNITS B	40022	Unsigned Integer	1	R		0 /65535	The units of volume for channel B
VOLUME UNITS C	40023	Unsigned Integer	1	R		0 /65535	The units of volume for channel C
VOLUME UNITS D	40024	Unsigned Integer	1	R		0 /65535	The units of volume for channel D
FLOW FORMAT A	40025	Unsigned Integer	2	R		0 /2000000000	The display format of flow for channel A
FLOW FORMAT B	40027	Unsigned Integer	2	R		0 /2000000000	The display format of flow for channel B
FLOW FORMAT C	40029	Unsigned Integer	2	R		0 /2000000000	The display format of flow for channel C
FLOW FORMAT D	40031	Unsigned Integer	2	R		0 /2000000000	The display format of flow for channel D
FLOW FORMAT	40033	Unsigned Integer	2	R		0 /2000000000	The display format of flow
MULTIPLIER A	40035	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The flow display multiplier for channel A:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
MULTIPLIER B	40036	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The flow display multiplier for channel B:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
MULTIPLIER C	40037	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The flow display multiplier for channel C:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
MULTIPLIER D	40038	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The flow display multiplier for channel D:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
FLOW UNITS	40039	Unsigned Integer	1	R/W	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The flow units for configuration: LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149
MULTIPLIER	40040	Unsigned Integer	1	R/W	P52 /53 /54 /55 /56		The flow multiplier for configuration:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
RESOLUTION	40041	Unsigned Integer	1	R/W	0 /1 /2		The flow display resolution for configuration:0-XXX, 1-XXX.X, 2-XX.XX
RESUME READING	40042	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9 /10		The time delay for reading resume after calibration:MANUAL=0, 1_MIN=1, 2_MINS=2, 3_MINS=3, 4_MINS=4, 5_MINS=5, 6_MINS=6, 7_MINS=7,8_MINS=8, 9_MINS=9, 10_MINS=10

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VOLUME UNITS	40043	Unsigned Integer	1	R/W	90 /139 /142 /91 /138 /97 /98 /140 /141 /96		The volume units for configuration:GALLONS = 142, LITERS = 91,MILLION_LITERS = 138, CUBIC_FEET = 97, CUBIC_METERS = 98, CUBIC_INCHES = 140,BARRELS_OF_OIL=141, ACRE_FEET = 96
LOW FLOW CUTOFF	40044	Float	2	R/W		0.0 /99999.99	The low flow cutoff value
TOTALIZER MODE	40046	Unsigned Integer	1	R/W	0 /1		The totalizer/volume reset mode: 0-AUTO, 1-MANUAL
SENSOR TYPE	40047	Unsigned Integer	1	R/W	0 /1 /2 /3 /4		The sensor type:0-GLI_PIPE_MNT, 1-GLI_POLYPROP_T, 2-GLI_PVDF_T, 3-GLI_316SS_T, 4-GLI_BRASS_T
TEE SIZE	40048	Unsigned Integer	1	R		0 /0	The tee size
TEE MATERIAL	40049	Unsigned Integer	1	R		0 /9	The tee material
CAL FLOW FORMAT	40050	Unsigned Integer	2	R		0 /2000000000	The flow display format for calibration
SET PIPE ID	40052	Float	2	R/W		3.000 /40.00	The pipe ID
SLOPE	40054	Float	2	R		0.00001 /99.9999	The calibration slope
SET OFFSET	40056	Float	2	R		000.0000 /999.9999	The calibration offset
FILTER	40058	Unsigned Integer	1	R/W		0 /60	The filter setting
CARD NAME	40059	String	8	R/W			The module name string
SENSOR A NAME	40067	String	2	R/W			The sensor A name
SENSOR B NAME	40069	String	2	R/W			The sensor B name
SENSOR C NAME	40071	String	2	R/W			The sensor C name
SENSOR D NAME	40073	String	2	R/W			The sensor D name
LOG SETUP FLOW	40075	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8		The data log interval for flow rate:5_sec=0, 30_sec=1, 1_min=2, 2_min=3, 5_min=4, 10_min=5, 15_min=6, 30_min=7, 60_min=8
LOG SETUP VOLUME	40076	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8		The data log interval for volume:5_sec=0, 30_sec=1, 1_min=2, 2_min=3, 5_min=4, 10_min=5, 15_min=6, 30_min=7, 60_min=8
FLOW STABLE?	40077	Unsigned Integer	1	R		0 /9999	The flow reading during calibration
OFFSET	40078	Unsigned Integer	1	R		0 /9999	The offset value in calibration mode
SOFTWARE VERS	40079	Float	2	R		0 /99999	The application code version
HISTORY OFFSET	40081	Float	2	R		-99999.99 /99999.99	The offset value in cal history
HISTORY	40083	Float	2	R		-30000 /30000	The offset value at the start of calibration
HTRY OFFSET	40085	Float	2	R		-30000 /30000	The offset value at the end of calibration
DRIVER VERS	40087	Float	2	R		0 /9999	The device driver version
CARD SERIAL NO	40089	String	6	R			The module serial number
S/N A	40095	String	8	R/W			The sensor A serial number
S/N B	40103	String	8	R			The sensor B serial number
S/N C	40111	String	8	R			The sensor C serial number
S/N D	40119	String	8	R			The sensor D serial number
DATE	40127	Time2	2	R			The date in cal history
SENSOR NUMBER	40129	Unsigned Integer	1	R	0 /1 /2 /3		The sensor index in cal history
STATUS	40130	Unsigned Integer	1	R	0 /1 /2		The cal status in cal history

Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
METHOD	40131	Unsigned Integer	1	R	0 /1 /2		The cal method in cal history:SET_TO_CAL=0, OFFSET_BY=1, DEFAULT=2
OPERATOR ID	40132	String	2	R/W			The OP ID
OFFSET A	40134	Float	2	R		-99999.99 /99999.99	The flow offset for sensor A
OFFSET B	40136	Float	2	R		-99999.99 /99999.99	The flow offset for sensor B
OFFSET C	40138	Float	2	R		-99999.99 /99999.99	The flow offset for sensor C
OFFSET D	40140	Float	2	R		-99999.99 /99999.99	The flow offset for sensor D
FUNCTION CODE	40142	Unsigned Integer	1	R/W		0 /65535	The function code
NEXT STATE	40143	Unsigned Integer	1	R		0 /65535	The next state
0_5 TEE MATERIAL	40144	Unsigned Integer	1	R/W	0		0.5" Tee Material: PVC = 0
0_75 TEE MATERIAL	40145	Unsigned Integer	1	R/W	0 /1		0.75" tee material:PVC=0, CPVC=1
1_0 TEE MATERIAL	40146	Unsigned Integer	1	R/W	0 /1 /3 /6		1.0" tee material: PVC=0, CPVC=1, 16SS = 3, CAST_BRONZE = 6
1_0 POLY T MATERIAL	40147	Unsigned Integer	1	R/W	0 /1 /6		1.0" Polypropylene tee material:PVC=0, CPVC=1, CAST_BRONZE = 6
1_IN_MHF15L2	40148	Unsigned Integer	1	R/W	0		1.0" MHF15L2 material:PVC =0
1_25 TEE MATERIAL	40149	Unsigned Integer	1	R/W	6		1.25" tee material:CAST_BRONZE =6
1_5 TEE MATERIAL	40150	Unsigned Integer	1	R/W	0 /1 /2 /6 /3		1.5" tee material:PVC=0, CPVC=1, PVDF=2, CAST_BRONZE = 6, 316SS = 3
1_5 POLY T MATERIAL	40151	Unsigned Integer	1	R/W	0 /1 /6		1.5"Polypropylene tee material:PVC=0, CPVC=1, CAST_BRONZE = 6
2_0 MATERIAL	40152	Unsigned Integer	1	R/W	0 /1 /2 /3		2.0" tee material:PVC=0, CPVC=1, PVDF=2, 316SS=3
2_0 BRASS T MATERIAL	40153	Unsigned Integer	1	R/W	5 /4		2.0" brass tee material: BRASS = 5, CAST_IRON = 4
2_0 POLY T MATERIAL	40154	Unsigned Integer	1	R/W	0 /1		2.0 Polypropylene tee material:PVC =0, CPVC =1
2_0 SS T MATERIAL	40155	Unsigned Integer	1	R/W	4		2.0" stainless steel tee material:CAST_IRON=4
2_5 TEE MATERIAL	40156	Unsigned Integer	1	R/W	4		2.5" tee material:CAST_IRON=4
2_5BRASS T MATERIAL	40157	Unsigned Integer	1	R/W	5 /4		2.5"brass tee material:BRASS = 5, CAST_IRON = 4
3_0 TEE MATERIAL	40158	Unsigned Integer	1	R/W	0 /1 /2		3.0"tee material:PVC=0, CPVC=1, PVDF=2
3_0 POLY T MATERIAL	40159	Unsigned Integer	1	R/W	0 /1		3.0"Polypropylene tee material:PVC=0,CPVC=1
4_0 TEE MATERIAL	40160	Unsigned Integer	1	R/W	0 /1 /2		4.0" tee material:PVC=0, CPVC=1, PVDF=2
4_0 POLY T MATERIAL	40161	Unsigned Integer	1	R/W	0 /1		4.0 Polypropylene tee material:PVC=0, CPVC=1
POLY/PVDF TEE	40162	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /8 /9		Polypropylene or PVDF:0_5_INCHES=0, 0_75_INCHES=1, 1_0_INCHES=2, 1_IN__MHF15L2=3, 1_25_INCHES=4,1_5_INCHES=5, 2_0_INCHES=6, 3_0_INCHES = 8, 4_0_INCHES=9
316SS/BRASS TEE	40163	Unsigned Integer	1	R/W	6 /7		316 stainless steel or Brass tee:2_0_INCHES = 6, 2_5_INCHES=7

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Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
FLOW UNITS	40164	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units in cal history
FLOW FORMAT	40165	Unsigned Integer	2	R		0 /2000000000	The flow format in cal history
OP ID ON CAL	40167	Unsigned Integer	1	R/W	0 /1		The OP ID enable setting:NO=0. YES=1
CAL REMINDER	40168	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9		The cal day reminder setting:OFF=0, 1_DAY=1, 60_DAYS = 7, 30_DAYS = 30, 60_DAYS = 60, 90_DAYS = 90,6_MONTHS = 180, 9_MONTHS = 270, 1_YEAR = 365, 2_YEARS = 730
SENSOR NUM	40169	Unsigned Integer	1	R/W	0 /1 /2 /3		The sensor number:SENSOR_A=0, SENSOR_B=1, SENSOR_C=2, SENSOR_D =3
SENSOR DAYS	40170	Unsigned Integer	1	R/W		0 /32000	The sensor A operation days
SENSOR DAYS B	40171	Unsigned Integer	1	R/W		0 /32000	The sensor B operation days
SENSOR DAYS C	40172	Integer	1	R/W		0 /32000	The sensor C operation days
SENSOR DAYS D	40173	Unsigned Integer	1	R/W		0 /32000	The sensor D operation days
CAL DAYS A	40174	Unsigned Integer	1	R		0 /32000	The sensor A days since last calibration
CAL DAYS B	40175	Unsigned Integer	1	R		0 /32000	The sensor B days since lst calibration
CAL DAYS C	40176	Unsigned Integer	1	R		0 /32000	The sensor C days since last calibration
CAL DAYS D	40177	Unsigned Integer	1	R		0 /32000	The sensor D days since last calibration
CORR FACTORS	40178	Float	2	R/W		?	The correction factor
FLOW UNIT	40180	Unsigned Integer	1	R	71 /72 /73 /124 /143 /74 /107 /93 /108 /68 /67 /69 /94 /144 /75 /104 /105 /147 /146 /145 /148 /125 /151 /150 /149		The units for correction factor:LITERS_SEC = 71, LITERS_MIN=72, LITERS_HOUR=73, LITERS_DAY = 124,MIL_LITERS_DAY = 143, CUBIC_M_SEC = 74, CUBIC_M_MIN = 107, CUBIC_M_HOUR = 93, CUBIC_M_DAY = 108, US_GAL_SEC = 68, US_GAL_MIN = 67, US_GAL_HOUR = 69,US_GAL_DAY = 94, MIL_US_GAL_DAY = 144, CUBIC_FT_SEC_ = 75, CUBIC_FT_MIN = 104, CUBIC_FT_HOUR, UK_GAL_SEC = 147, UK_GAL_MIN = 146, UK_GAL_HOUR = 145,UK_MIL_GAL_DAY = 148, ACRE_FEET_HOUR = 125, BARRELS_OF_OIL_SEC = 151,BARRELS_OF_OIL_MIN = 150, BARRELS_OF_OIL_HOUR = 149
FLOW UNIT	40181	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The multiplier for correction factor:52-X1, 53X10, 54X100, 55-X1000, 56-X10000
RESET COMPLETE	40182	Unsigned Integer	1	R/W	0 /1		The options for confiming a reset sesnor - yes or no
LOG PARAM	40183	String	8	R			The event log parameter
LOG FLOAT	40191	Float	2	R			The event log data type- float
LOG TEXT	40193	String	8	R			The event log data type-text string
LOG INT	40201	Integer	1	R		-32768 /32767	The event log data type-integer
MEAS INDEX	40202	Unsigned Integer	1	R		0 /65535	The measuremnt index for data log

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Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
SEN NAME	40203	String	4	R			The sensor name for data log
MESSAGE	40207	Unsigned Integer	1	R	0 /1 /2		The cal failure message:CAL_OK=0, OFFSET_LOW=1, OFFSET_HIGH=2
DATE1	40208	Time2	2	R			The date value for first line cal history
DATE2	40210	Time2	2	R			The date value for 2nd line cal history
DATE3	40212	Time2	2	R			The date value for 3rd line cal history
DATE4	40214	Time2	2	R			The date value for 4th line cal history
DATE5	40216	Time2	2	R			The date value for 5th line cal history
DATE6	40218	Time2	2	R			The date value for 6th line cal history
TIME1	40220	Time2	2	R			The time stamp for 1st line cal history
TIME2	40222	Time2	2	R			The time stamp for 2nd line cal history
TIME3	40224	Time2	2	R			The time stamp for 3rd line cal history
TIME4	40226	Time2	2	R			The time stamp for 4th line cal history
TIME5	40228	Time2	2	R			The time stamp for 5th line cal history
TIME6	40230	Time2	2	R			The time stamp for 6th line cal history
PAGE NO	40232	Unsigned Integer	1	R		0 /65535	The page number for cal history
HIDDEN LINE	40233	Unsigned Integer	1	R		0 /65535	The hidden tag for cal history
HIGHLIGHT LINE	40234	Unsigned Integer	1	R		0 /65535	The highlight tag for cal history
NEW SENSOR	40235	Unsigned Integer	1	R/W	1 /0		The new sensor selection:YES=1, NO=0
SENSOR NAME	40236	Unsigned Integer	1	R		0 /0	The channel name
SELECT CHANNEL	40237	Unsigned Integer	1	R/W		0 /65535	The enable-channel selection
PULSE D	40238	Float	2	R/W		0 /999999999.99	The number of pulses for sensor D
PULSE C	40240	Float	2	R/W		0 /999999999.99	The number of pulses for sensor C
PULSE B	40242	Float	2	R/W		0 /999999999.99	The number of pulses for sensor B
PULSE A	40244	Float	2	R/W		0 /999999999.99	The number of pulses for sensor A
FREQUENCY D	40246	Float	2	R		0 /99999.99	The frequency measured for sensor D
FREQUENCY C	40248	Float	2	R		0 /99999.99	The frequency measured for sensor C
FREQUENCY B	40250	Float	2	R		0 /99999.99	The frequency measured for sensor B
FREQUENCY A	40252	Float	2	R		0 /99999.99	The frequency measured for sensor A
BOOT LOADER VERS	40254	Float	2	R		0 /99.99	The boot code version
OP ID ON CAL	40256	Unsigned Integer	1	R/W	0 /1		The OP ID enable option for sensor A
OP ID ON CAL	40257	Unsigned Integer	1	R/W	0 /1		The OP ID enable option for sensor B
OP ID ON CAL	40258	Unsigned Integer	1	R/W	0 /1		The OP ID enable option for sensor C
OP ID ON CAL	40259	Unsigned Integer	1	R/W	0 /1		The OP ID enable option for sensor D
CAL REMINDER	40260	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9		The cal reminder option for sensor A:OFF=0, 1_DAY=1, 60_DAYS = 7, 30_DAYS = 30, 60_DAYS = 60, 90_DAYS = 90,6_MONTHS = 180, 9_MONTHS = 270, 1_YEAR = 365, 2_YEARS = 730

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Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
CAL REMINDER	40261	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9		The cal reminder option for sensor B:OFF=0, 1_DAY=1, 60_DAYS = 7, 30_DAYS = 30, 60_DAYS = 60, 90_DAYS = 90,6_MONTHS = 180, 9_MONTHS = 270, 1_YEAR = 365, 2_YEARS = 730
CAL REMINDER	40262	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9		The cal reminder option for sensor C:OFF=0, 1_DAY=1, 60_DAYS = 7, 30_DAYS = 30, 60_DAYS = 60, 90_DAYS = 90,6_MONTHS = 180, 9_MONTHS = 270, 1_YEAR = 365, 2_YEARS = 730
CAL REMINDER	40263	Unsigned Integer	1	R/W	0 /1 /2 /3 /4 /5 /6 /7 /8 /9		The cal reminder option for sensor D:OFF=0, 1_DAY=1, 60_DAYS = 7, 30_DAYS = 30, 60_DAYS = 60, 90_DAYS = 90,6_MONTHS = 180, 9_MONTHS = 270, 1_YEAR = 365, 2_YEARS = 730
TIME	40264	Time2	2	R			The time for cal history
MULTIPLIER	40266	Unsigned Integer	1	R	P52 /53 /54 /55 /56		The multiplier for cal history
Tst Fix Sensor Status PW	40267	Unsigned Integer	1	R		0 /65535	The sensor connection status
Tst Fix Sensor Signal PW	40268	Unsigned Integer	1	R		0 /65535	The sensor signal
Flow Meas A Int PW	40269	Unsigned Integer	2	R		0 /99999999	The integer value of Flow measurement in liter per second
Flow Meas B Int PW	40271	Unsigned Integer	2	R		0 /99999999	The integer value of Flow measurement in liter per second
Flow Meas C Int PW	40273	Unsigned Integer	2	R		0 /99999999	The integer value of Flow measurement in liter per second
Flow Meas D Int PW	40275	Unsigned Integer	2	R		0 /99999999	The integer value of Flow measurement in liter per second
Vol Meas A Int PW	40277	Unsigned Integer	2	R		0 /999999999	The integer value of Volume measurement in liters
Vol Meas B Int PW	40279	Unsigned Integer	2	R		0 /999999999	The integer value of Volume measurement in liters
Vol Meas C Int PW	40281	Unsigned Integer	2	R		0 /999999999	The integer value of Volume measurement in liters
Vol Meas D Int PW	40283	Unsigned Integer	2	R		0 /999999999	The integer value of Volume measurement in liters
CalLeave PW	40285	Unsigned Integer	1	R/W	0 /1 /2		The cal leave option:QUIT_CAL=0, BACK_TO_CAL=1, LEAVE_CAL=2
CalUserMaxValue PW	40286	Float	2	R		-99999.99 /99999.99	The max. cal user value
CalUserMinValue PW	40288	Float	2	R		-99999.99 /99999.99	The min. cal user value
DriverContent PW	40290	Unsigned Integer	1	R		0 /9999	The device driver content version
PULSED VOLUME A	40291	Float	2	R		0 /99999999	The measured pulsed volume A
PULSED VOLUME B	40293	Float	2	R		0 /99999999	The measured pulsed volume B
PULSED VOLUME C	40295	Float	2	R		0 /99999999	The measured pulsed volume C
PULSED VOLUME D	40297	Float	2	R		0 /99999999	The measured pulsed volume D
PulsedVolume Set PW	40299	Float	2	R/W		0 /99999999	The pulsed volume
Volume Units Tag PW	40301	Unsigned Integer	1	R		0 /65535	The tag to point to the current volume units
PulseOutWidth PW	40302	Unsigned Integer	1	R/W		0 /9999	The pulse out width

ALL Sensors and Analyzer: Classified ERROR Word - Register 49930

Table 2 Error register

Bit	Error	Description
0	Calibration error	Faulty calibration detected
1	Electronic settings error	Faulty electronic calibration/settings
2	Cleaning error	Error in cleaning cycle detected
3	Measuring module error	Error in measuring module detected
4	System initialization	Inconsistent settings detected, reset to factory settings
5	Hardware error	Faulty hardware detected
6	Internal communication error	Internal communication error detected
7	Humidity error	Excessive humidity detected
8	Excessive temperature	Excessive temperature detected
9		
10	Sample feed warning	Error in sample feed detected
11	Questionable calibration warning	Accuracy of previous calibration inadequate
12	Questionable measurement warning	Accuracy of previous measurement inadequate/out of range
13	Safety warning	Safety equipment error detected
14	Reagent warning	Reagent warning, e.g. fill level < min detected
15	Service request warning	Service request detected

ALL Sensors and Analyzer: Classified STATUS Word - Register 49931

Table 3 Status register

Bit	Status 1	Description
0	Calibration activated	Calibration in progress, measurement value not up to date
1	Cleaning activated	Cleaning in progress, measurement value not up to date
2	Service mode activated	Device in "Service" mode, measurement value not up to date
3	General error message	General error detected, refer to error text for details
4	Measurement value channel 0, poor quality	Measurement accuracy is not within specified limits
5	Measurement value channel 0, range short-fall	Measurement value falls short of the specified range
6	Measurement value channel 0, range exceeded	Measurement value exceeds the specified range
7	Measurement value channel 1, poor quality	Measurement accuracy is not within specified limits
8	Measurement value channel 1, range short-fall	Measurement value falls short of the specified range
9	Measurement value channel 1, range exceeded	Measurement value exceeds the specified range
10	Measurement value channel 2, poor quality	Measurement accuracy is not within specified limits
11	Measurement value channel 2, range short-fall	Measurement value falls short of the specified range
12	Measurement value channel 2, range exceeded	Measurement value exceeds the specified range
13	Measurement value channel 3, poor quality	Measurement accuracy is not within specified limits
14	Measurement value channel 3, range short-fall	Measurement value falls short of the specified range
15	Measurement value channel 3, range exceeded	Measurement value exceeds the specified range