

REGISTER ADDRESS	REGISTER NAME	LOW LIMIT	HIGH LIMIT	FACTORY SETTING	ACCESS	COMMENTS
FREQUENTLY USED REGISTERS						
40001	Input Relative Value (Hi word)	-199999	999999	N/A	Read Only	Process value of present input level. This value is affected by Input Type, Resolution, Scaling, & Tare (Offset) Value. (Relative Value = Gross (Absolute) Input Value - Tare Value)
40002	Input Relative Value (Lo word)					
40003	Maximum Value (Hi word)	-199999	999999	N/A	Read/Write	1 = 1 display unit
40004	Maximum Value (Lo word)					
40005	Minimum Value (Hi word)	-199999	999999	N/A	Read/Write	1 = 1 display unit
40006	Minimum Value (Lo word)					
40007	Total Value (Hi word)	-199999	999999	N/A	Read/Write	1 = 1 display unit
40008	Total Value (Lo word)					
40009	Setpoint 1 Value (Hi word)	-199999	999999	100	Read/Write	Active List (A or B)
40010	Setpoint 1 Value (Lo word)					
40011	Setpoint 2 Value (Hi word)	-199999	999999	200	Read/Write	Active List (A or B)
40012	Setpoint 2 Value (Lo word)					
40013	Setpoint 3 Value (Hi word)	-199999	999999	300	Read/Write	Active List (A or B)
40014	Setpoint 3 Value (Lo word)					
40015	Setpoint 4 Value (Hi word)	-199999	999999	400	Read/Write	Active List (A or B)
40016	Setpoint 4 Value (Lo word)					
40017	Setpoint 1 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Active List (A or B). Applicable only for Band or Deviation Setpoint Action.
40018	Setpoint 1 Band/Dev. Value (Lo word)					
40019	Setpoint 2 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Active List (A or B). Applicable only for Band or Deviation Setpoint Action.
40020	Setpoint 2 Band/Dev. Value (Lo word)					
40021	Setpoint 3 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Active List (A or B). Applicable only for Band or Deviation Setpoint Action.
40022	Setpoint 3 Band/Dev. Value (Lo word)					
40023	Setpoint 4 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Active List (A or B). Applicable only for Band or Deviation Setpoint Action.
40024	Setpoint 4 Band/Dev. Value (Lo word)					
40025	Setpoint Output Register (SOR)	0	15	N/A	Read/Write	Status of Setpoint Outputs. Bit State: 0=Off, 1=On. Bit 3 = SP1, Bit 2 = SP2, Bit 1 = SP3, Bit 0 = SP4. Outputs can only be activated/reset with this register when the respective bits in the Manual Mode Register (MMR) are set.
40026	Manual Mode Register (MMR)	0	31	0	Read/Write	Bit State: 0=Auto Mode, 1=Manual Mode Bit 4 = SP1, Bit 3 = SP2, Bit 2 = SP3, Bit 1 = SP4, Bit 0 = Linear Output
40027	Reset Output Register	0	15	0	Read/Write	Bit State: 1= Reset Output, bit is returned to zero following reset processing; Bit 3 = SP1, Bit 2 = SP2, Bit 1 = SP3, Bit 0 = SP4
40028	Analog Output Register (AOR)	0	4095	0	Read/Write	Functional only if Linear Output is in Manual Mode. (MMR bit 0 = 1) Linear Output Card written to only if Linear Out (MMR bit 0) is set.
40029	Input Gross (Absolute) Value (Hi word)	-199999	999999	N/A	Read Only	Gross (absolute) value of present Input level. This value is affected by Input Type, Resolution, Scaling, but not affected by Offset Value
40030	Input Gross (Absolute) Value (Lo word)					
40031	Tare Value (Hi word)	-199999	999999	0	Read/Write	Relative Input Value (standard meter value) is the difference between the Gross (absolute) input value and the Tare value, i.e. Relative = Gross - Tare
40032	Tare Value (Lo word)					
INPUT PARAMETERS				SEE INPUT MODULE FOR PARAMETER DESCRIPTIONS		
Analog Input						
40081	Input Range	0	1	0	Read/Write	0 = +/-24mV, 1 = +/-240mV
40082	ADC Conversion Rate (samples/sec)	0	5	0	Read/Write	0 = 5, 1 = 10, 2 = 20, 3 = 40, 4 = 80, 5 = 160
40083	Decimal Point	0	4	2	Read/Write	0 = 0, 1 = 0.0, 2 = 0.00, 3 = 0.000, 4 = 0.0000
40084	Rounding Factor	0	6	0	Read/Write	0 = 1, 1 = 2, 2 = 5, 3 = 10, 4 = 20, 5 = 50, 6 = 100
40085	Digital Input Filter	0	2500	100	Read/Write	1 = 0.01 Second
40086	Filter Band	0	2500	10	Read/Write	1 = 1 display unit
40087	Input Scaling Points in List Function	0	1	0	Read/Write	0 = No, 1 = Yes

REGISTER ADDRESS		REGISTER NAME	LOW LIMIT	HIGH LIMIT	FACTORY SETTING	ACCESS	COMMENTS
List A	List B	Analog Input Scaling Points Parameters					
40101	40201	Number of Scaling Points	2	16	2	Read/Write	Number of Linearization Scaling Points
40102	40202	Reserved	N/A	N/A	N/A	N/A	
40103	40203	Scaling Pt.1 Input Value (Hi word)	-199999	999999	0	Read/Write	1 = 0.001
40104	40204	Scaling Pt.1 Input Value (Lo word)					
40105	40205	Scaling Pt.1 Display Value (Hi word)	-199999	999999	0	Read/Write	1 = 1 display unit
40106	40206	Scaling Pt.1 Display Value (Lo word)					
thru	thru	Scaling Pts. 2 thru 15 Values	Registers 40107-40162 and 40207-40262 hold values for Scaling Points 2 thru 15, and follow the same ordering as Scaling Point 1.
40163	40263	Scaling Pt.16 Input Value (Hi word)	-199999	999999	0	Read/Write	1 = 1 display unit
40164	40264	Scaling Pt.16 Input Value (Lo word)					
40165	40265	Scaling Pt.16 Display Value (Hi word)	-199999	999999	0	Read/Write	1 = 1 display unit
40166	40266	Scaling Pt.16 Display Value (Lo word)					
List A	List B	Setpoint Values					
40167	40267	Setpoint 1 Value (Hi word)	-199999	999999	100	Read/Write	1 = 1 display unit
40168	40268	Setpoint 1 Value (Lo word)					
40169	40269	Setpoint 2 Value (Hi word)	-199999	999999	200	Read/Write	1 = 1 display unit
40170	40270	Setpoint 2 Value (Lo word)					
40171	40271	Setpoint 3 Value (Hi word)	-199999	999999	300	Read/Write	1 = 1 display unit
40172	40272	Setpoint 3 Value (Lo word)					
40173	40273	Setpoint 4 Value (Hi word)	-199999	999999	400	Read/Write	1 = 1 display unit
40174	40274	Setpoint 4 Value (Lo word)					
40175	40275	Setpoint 1 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Applicable only for Band or Deviation Setpoint Action.
40176	40276	Setpoint 1 Band/Dev. Value (Lo word)					
40177	40277	Setpoint 2 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Applicable only for Band or Deviation Setpoint Action.
40178	40278	Setpoint 2 Band/Dev. Value (Lo word)					
40179	40279	Setpoint 3 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Applicable only for Band or Deviation Setpoint Action.
40180	40280	Setpoint 3 Band/Dev. Value (Lo word)					
40181	40281	Setpoint 4 Band/Dev. Value (Hi word)	-199999	999999	0	Read/Write	Applicable only for Band or Deviation Setpoint Action.
40182	40282	Setpoint 4 Band/Dev. Value (Lo word)					
List A	List B	Scaling Parameters					
40183	40283	Input Decimal Point	0	4	2	Read/Write	0 = 0, 1 = 0.0, 2 = 0.00, 3 = 0.000, 4 = 0.0000
40184	40284	Input Rounding Factor	0	6	0	Read/Write	0 = 1, 1 = 2, 2 = 5, 3 = 10, 4 = 20, 5 = 50, 6 = 100
40185	40285	Input Filter Band	0	2500	10	Read/Write	1 = 1 display unit
40186	40286	Auto-Zero Tracking Band	0	4095	2	Read/Write	0 = OFF, 1 = display unit
40187	40287	Totalizer Decimal Point	0	4	3	Read/Write	0 = 0, 1 = 0.0, 2 = 0.00, 3 = 0.000, 4 = 0.0000
40188	40288	Totalizer Scale Factor	1	65000	1000	Read/Write	1 = 0.001
User Input / Function Keys							
40301		User Input Active State	0	1	0	Read/Write	0 = Active Low, 1 = Active High
40302		User Input 1 Action	0	30	0	Read/Write	0 = NO 9 = d-tot 18 = Sel L1 27 = r-34 1 = PLOC 10 = r-tot1 19 = Sel L2 28 = r-234 2 = rEL 11 = r-tot2 20 = d-LEV 29 = r-ALL 3 = r-TArE 12 = E-tot 21 = Color 30 = Print 4 = d-rEL 13 = d-HI 22 = LISt 5 = d-HLd 14 = r-HI 23 = r-1 6 = A-HLd 15 = d-Lo 24 = r-2 7 = SYNC 16 = r-Lo 25 = r-3 8 = bAt 17 = r-HL 26 = r-4
40303		User Input 2 Action	0	30	0	Read/Write	Same as User Input 1 Action
40304		User Input 3 Action	0	30	0	Read/Write	Same as User Input 1 Action

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40305	User F1 Key Action	0	20	0	Read/Write	0 = NO 5 = r-tot 10 = SEL L2 15 = r-3 20 = Print 1 = rEL 6 = r-HI 11 = d-LEV 16 = r-4 2 = r-TArE 7 = r-Lo 12 = LISt 17 = r-34 3 = d-rEL 8 = r-HL 13 = r-1 18 = r-234 4 = bAt 9 = SEL L1 14 = r-2 19 = r-ALL
40306	User F2 Key Action	0	20	0	Read/Write	Same as User F1 Key Action
40307	User F1 Second Action	0	20	0	Read/Write	Same as User F1 Key Action
40308	User F2 Second Action	0	20	0	Read/Write	Same as User F1 Key Action
40309	User List Assign	0	3	0	Read/Write	Set bits to enable items in List A/B parameter list. Bit 0: Scaling (Scaling Points, Input Decimal Point, Input Rounding Factor, Input Filter Band, Auto-Zero Tracking Band, Total Decimal Point, Total Scale Factor); Bit 1: Units Mnemonics
OUTPUT PARAMETERS						SEE OUTPUT MODULE FOR PARAMETER DESCRIPTIONS
Setpoint 1						
40401	Assignment	0	3	0	Read/Write	0 = None, 1 = Rel, 2 = Gross, 3 = Total
40402	Action	0	10	0	Read/Write	0=No, 1=Ab-HI, 2=Ab-LO, 3=AU-HI, 4=AU-LO, 5=dE-HI, 6=dE-LO, 7=bANd, 8=bNdIn, 9=totLo, 10=totHi
40403	Hysteresis Value	1	65000	2	Read/Write	1 = 1 Display Unit
40404	On Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40405	Off Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40406	Output Logic	0	1	0	Read/Write	0 = Normal, 1 = Reverse
40407	Reset Action	0	2	0	Read/Write	0 = Auto, 1 = Latch1, 2 = Latch2
40408	Standby Operation	0	1	0	Read/Write	0 = No, 1 = Yes
40409	Annunciator	0	3	1	Read/Write	0 = Off, 1 = Normal, 2 = Reverse, 3 = Flash
40410	Color	0	7	0	Read/Write	0 = No Change, 1 = Green, 2 = Orange, 3 = Red, 4 = Grn/Org, 5 = Red/Org, 6 = Red/Grn, 7 = Line 1 Color
Setpoint 2						
40421	Assignment	0	3	0	Read/Write	0 = None, 1 = Rel, 2 = Gross, 3 = Total
40422	Action	0	10	0	Read/Write	0=No, 1=Ab-HI, 2=Ab-LO, 3=AU-HI, 4=AU-LO, 5=dE-HI, 6=dE-LO, 7=bANd, 8=bNdIn, 9=totLo, 10=totHi
40423	Hysteresis Value	1	65000	2	Read/Write	1 = 1 Display Unit
40424	On Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40425	Off Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40426	Output Logic	0	1	0	Read/Write	0 = Normal, 1 = Reverse
40427	Reset Action	0	2	0	Read/Write	0 = Auto, 1 = Latch1, 2 = Latch2
40428	Standby Operation	0	1	0	Read/Write	0 = No, 1 = Yes
40429	Annunciator	0	3	1	Read/Write	0 = Off, 1 = Normal, 2 = Reverse, 3 = Flash
40430	Color	0	7	0	Read/Write	0 = No Change, 1 = Green, 2 = Orange, 3 = Red, 4 = Grn/Org, 5 = Red/Org, 6 = Red/Grn, 7 = Line 1 Color
Setpoint 3						
40441	Assignment	0	3	0	Read/Write	0 = None, 1 = Rel, 2 = Gross, 3 = Total
40442	Action	0	10	0	Read/Write	0=No, 1=Ab-HI, 2=Ab-LO, 3=AU-HI, 4=AU-LO, 5=dE-HI, 6=dE-LO, 7=bANd, 8=bNdIn, 9=totLo, 10=totHi
40443	Hysteresis Value	1	65000	2	Read/Write	1 = 1 Display Unit
40444	On Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40445	Off Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40446	Output Logic	0	1	0	Read/Write	0 = Normal, 1 = Reverse
40447	Reset Action	0	2	0	Read/Write	0 = Auto, 1 = Latch1, 2 = Latch2
40448	Standby Operation	0	1	0	Read/Write	0 = No, 1 = Yes
40449	Annunciator	0	3	1	Read/Write	0 = Off, 1 = Normal, 2 = Reverse, 3 = Flash
40450	Color	0	7	0	Read/Write	0 = No Change, 1 = Green, 2 = Orange, 3 = Red, 4 = Grn/Org, 5 = Red/Org, 6 = Red/Grn, 7 = Line 1 Color

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Setpoint 4						
40461	Assignment	0	3	0	Read/Write	0 = None, 1 = Rel, 2 = Gross, 3 = Total
40462	Action	0	10	0	Read/Write	0=No, 1=Ab-HI, 2=Ab-LO, 3=AU-HI, 4=AU-LO, 5=dE-HI, 6=dE-LO, 7=bANd, 8=bNdIn, 9=totLo, 10=totHi
40463	Hysteresis Value	1	65000	2	Read/Write	1 = 1 Display Unit
40464	On Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40465	Off Time Delay	0	32750	0	Read/Write	1 = 0.1 Second
40466	Output Logic	0	1	0	Read/Write	0 = Normal, 1 = Reverse
40467	Reset Action	0	2	0	Read/Write	0 = Auto, 1 = Latch1, 2 = Latch2
40468	Standby Operation	0	1	0	Read/Write	0 = No, 1 = Yes
40469	Annunciator	0	3	1	Read/Write	0 = Off, 1 = Normal, 2 = Reverse, 3 = Flash
40470	Color	0	7	0	Read/Write	0 = No Change, 1 = Green, 2 = Orange, 3 = Red, 4 = Grn/Org, 5 = Red/Org, 6 = Red/Grn, 7 = Line 1 Color
Analog Output Parameters						
40491	Type	0	2	1	Read/Write	0 = 0-20 mA, 1 = 4-20 mA, 2 = 0-10 V
40492	Assignment	0	9	0	Read/Write	0=None, 1=Rel, 2=Gross, 3=Total, 4=HI, 5=LO, 6=S1, 7=S2, 8=S3, 9=S4
40493	Analog Low Scale Value (Hi word)					
40494	Analog Low Scale Value (Lo word)	-199999	999999	0	Read/Write	Display value that corresponds with 0 V, 0 mA or 4 mA output
40495	Analog High Scale Value (Hi word)					
40496	Analog High Scale Value (Lo word)	-199999	999999	10000	Read/Write	Display value that corresponds with 10 V or 20 mA output
40497	Update time	0	100	0	Read/Write	0 = Max update rate, 1 = 0.1 Second
DISPLAY PARAMETERS						SEE DISPLAY MODULE FOR PARAMETER DESCRIPTIONS
Line 1 Parameters						
40331	Line 1 Display Color	0	2	0	Read/Write	0 = Green, 1 = Red, 2 = Orange
40332	Display Intensity Level	0	4	4	Read/Write	0 = Min.(off), 4 = Max.
40333	Display Contrast Level	0	15	7	Read/Write	0 = Max downward viewing angle, 15 = Max upward viewing angle
40334	Line 1 Display Value Enable 1	0	255	1	Read/Write	Bit State: 0 = No (Disabled), 1 = Yes (Enabled) Bit 0 = Input, Bit 1 = Gross, Bit 2 = Tare, Bit 3 = Total, Bit 4 = Max, Bit 5 = Min, Bit 6 = Setpoint 1, Bit 7 = Setpoint 2
40335	Line 1 Display Value Enable 2	0	3	1	Read/Write	Bit State: 0 = No (Disabled), 1 = Yes (Enabled) Bit 0 = Setpoint 3, Bit 1 = Setpoint 4
40336	Line 1 Scroll Enable/Time	0	15	0	Read/Write	0 = No Scroll, 1-15 = Scroll Time in Seconds
40337	Line 1 Units Mode	0	3	0	Read/Write	0 = Off, 1 = Label, 2 = Custom, 3 = Factory
40338	Units Digit 1 (Left)	0	57	0	Read/Write	Label Mnemonic Mode only. Active List (A or B). 0 = 9 = I 18 = Q 27 = Z 36 = 8 45 = m(r) 54 =] 1 = A 10 = J 19 = R 28 = 0 37 = 9 46 = o 55 = / 2 = b 11 = K 20 = S 29 = 1 38 = a 47 = q 56 = ° 3 = C 12 = L 21 = t 30 = 2 39 = c 48 = r 57 = _ 4 = d 13 = M(l) 22 = U 31 = 3 40 = e 49 = u 5 = E 14 = M(r) 23 = V 32 = 4 41 = g 50 = w(r) 6 = F 15 = N 24 = W(l) 33 = 5 42 = h 51 = - 7 = G 16 = O 25 = W(r) 34 = 6 43 = i 52 = = 8 = H 17 = P 26 = Y 35 = 7 44 = n 53 = [
40339	Units Digit 2 (Center)					
40340	Units Digit 3 (Right)					
Line 2 Parameters						
40341	Line 2 Input Display Access	0	2	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-rSt
40342	Line 2 Gross (Absolute) Display Access	0	1	0	Read/Write	0=LOC, 1=d-rEAd,
40343	Line 2 Tare (Offset) Display Access	0	2	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-Entr
40344	Line 2 Totalizer Display Access	0	2	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-rSt
40345	Line 2 Maximum (Hi) Value Access	0	2	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-rSt
40346	Line 2 Minimum (Lo) Value Access	0	2	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-rSt
40347	Line 2 List Selection Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40348	Line 2 Setpoint 1 Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40349	Line 2 S1 Band/Dev.Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE

REGISTER ADDRESS	REGISTER NAME	LOW LIMIT	HIGH LIMIT	FACTORY SETTING	ACCESS	COMMENTS
40350	Line 2 Setpoint 2 Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40351	Line 2 S2 Band/Dev.Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40352	Line 2 Setpoint 3 Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40353	Line 2 S3 Band/Dev.Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40354	Line 2 Setpoint 4 Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40355	Line 2 S4 Band/Dev.Value Access	0	5	0	Read/Write	0=LOC, 1=d-rEAd, 2=d-ENtr, 3=P-rEd, 4=P-ENtr, 5=HidE
40356-40359	Reserved	N/A	N/A	N/A	N/A	Reserved (may be used in future RLC software)
40360	Line 2 Display Color Access	0	3	0	Read/Write	0=LOC, 1=P-rEAd, 2=P-ENtr, 3=HidE
40361	Line 2 Display Intensity Level Access	0	3	0	Read/Write	0=LOC, 1=P-rEAd, 2=P-ENtr, 3=HidE
40362	Line 2 Display Contrast Level Access	0	3	0	Read/Write	0=LOC, 1=P-rEAd, 2=P-ENtr, 3=HidE
40363	Line 2 Zero (Tare) Display Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40364	Line 2 Reset Tare Display Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40365	Line 2 Batch Input to Totalizer Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40366	Line 2 Reset Totalizer Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40367	Line 2 Reset Max (Hi) Display Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40368	Line 2 Reset Min (Lo) Display Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40369	Line 2 Reset Max and Min Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40370	Line 2 Reset Alarm 1 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40371	Line 2 Reset Alarm 2 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40372	Line 2 Reset Alarm 3 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40373	Line 2 Reset Alarm 4 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40374	Line 2 Reset Alarm 3 and 4 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40375	Line 2 Reset Alarm 2, 3 and 4 Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40376	Line 2 Reset All Alarms (1-4) Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40377	Line 2 Print Request Access	0	2	0	Read/Write	0=LOC, 1=P-ENtr, 2=HidE
40378	Line 2 Security Code Value	0	250	0	Read/Write	
40379	Line 2 Scroll Enable/Time	0	15	0	Read/Write	0 = No Scroll, 1-15 = Scroll Time in Seconds
40380	Line 2 Units Mode	0	7	3	Read/Write	0 = Off, 1 = Label, 2 = Custom, 3 = Factory, 4 = Label & Custom, 5 = Label & Factory, 6 = Line 1 Indexed Label, 7 = Line 1 Indexed Label & Factory
Secondary Parameters						SEE MODULE 4 FOR PARAMETER DESCRIPTIONS
40381	Max (Hi) Capture Value Assignment	0	1	0	Read/Write	0 = Relative, 1 = Gross (Absolute)
40382	Max (Hi) Capture Delay Time	0	32750	10	Read/Write	0 = Max Update Rate, 1 = 0.1Sec
40383	Min (Lo) Capture Value Assignment	0	1	0	Read/Write	0 = Relative, 1 = Gross (Absolute)
40384	Min (Lo) Capture Delay Time	0	32750	10	Read/Write	0 = Max Update Rate, 1 = 0.1Sec
40385	Display Update (readings per second)	0	4	1	Read/Write	0 = 1, 1 = 2, 2 = 5, 3 = 10, 4 = 20
40386	Auto Zero Tracking Time	0	250	0	Read/Write	0 = Auto Zero Tracking disabled; 1 = 1Sec.
40387	Auto Zero Tracking Band	1	4095	2	Read/Write	1 = display unit
Totalizer Parameters						SEE MODULE 5 FOR PARAMETER DESCRIPTIONS
40391	Totalizer Decimal Point	0	4	3	Read/Write	0 = 0, 1 = 0.0, 2 = 0.00, 3 = 0.000, 4 = 0.0000
40392	Totalizer Time Base	0	3	1	Read/Write	0 = Second, 1 = Minute, 2 = Hour, 3 = Day
40393	Totalizer Scale Factor	1	65000	1000	Read/Write	1 = 0.001
40394	Totalizer Reset at Power Up	0	1	0	Read/Write	0 = No, 1 = Yes
40395	Totalizer Low Cut Value (Hi word)	-199999	999999	-199999	Read/Write	1 = 1 display unit
40396	Totalizer Low Cut Value (Lo word)					

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PORT PARAMETERS		SEE MODULE 7 FOR PARAMETER DESCRIPTIONS					
USB							
40481	USB Mode	0	1	0	Read/Write	0 = Automatic (Addr 247, 38400, N, 8, 1) 1 = Serial	
Serial							
40482	Type	0	2	2	Read/Write	0 = RLC Protocol (ASCII), 1 = Modbus RTU, 2 = Modbus ASCII	
40483	Baud Rate	0	5	5	Read/Write	0=1200, 1=2400, 2=4800, 3=9600, 4=19200, 5=38400	
40484	Data Bits	0	1	1	Read/Write	0 = 7 Bits, 1 = 8 Bits	
40485	Parity	0	2	0	Read/Write	0 = None, 1 = Even, 2 = Odd	
40486	Address	0	99	247	Read/Write	RLC Protocol: 0-99	
		1	247			Modbus: 1-247	
40487	Transmit Delay	0	250	10	Read/Write	1 = 0.001 Second	
40488	Abbreviated Transmission (RLC only)	0	1	0	Read/Write	0 = No, 1 = Yes (Not used when communications type is Modbus)	
40489	Print Options (RLC only)	0	63	1	Read/Write	0 = No, 1 = Yes (Not used when communications type is Modbus) Bit 0 – Print Input Value, Bit 1 – Print Gross Value, Bit 2 - Print Tare Value, Bit 3 - Print Total Value, Bit 4 – Print Max & Min Values, Bit 5 – Print Setpoint Values	
40490	Load Serial Settings	0	1	0	Read/Write	Changing 40481-40487 will not update the PAX2A until this register is written with a 1. After the write, the communicating device must be changed to new PAX2A settings and this register returns to 0.	
UNITS MNEMONICS							
List A	List B	Line 1 Units Label Mode (A/B List)				SEE USER LIST FUNCTION IN INPUT MODULE FOR DETAILS	
40601	40801	Line 1 Units Mnemonic Digit 1 (Left)	0	57	0	Read/Write	Label Mnemonic Mode only. 0 = 9 = I 18 = Q 27 = Z 36 = 8 45 = m(r) 54 =] 1 = A 10 = J 19 = R 28 = 0 37 = 9 46 = o 55 = / 2 = b 11 = K 20 = S 29 = 1 38 = a 47 = q 56 = ° 3 = C 12 = L 21 = t 30 = 2 39 = c 48 = r 57 = _ 4 = d 13 = M(l) 22 = U 31 = 3 40 = e 49 = u 5 = E 14 = M(r) 23 = V 32 = 4 41 = g 50 = w(r) 6 = F 15 = N 24 = W(l) 33 = 5 42 = h 51 = - 7 = G 16 = O 25 = W(r) 34 = 6 43 = i 52 = = 8 = H 17 = P 26 = Y 35 = 7 44 = n 53 = [
40602	40802	Line 1 Units Mnemonic Digit 2	0	57	0	Read/Write	
40603	40803	Line 1 Units Mnemonic Digit 3 (Right)	0	57	0	Read/Write	
List A	List B	Line 1 Units Custom Mode (A/B List)					
40604	40804	Input Mnemonic - Digit 1 (Left)	0	57	0	Read/Write	Custom Mnemonic Mode. (See 40601 for list)
40605	40805	Input Mnemonic - Digit 2	0	57	0	Read/Write	
40606	40806	Input Mnemonic - Digit 3 (Right)	0	57	0	Read/Write	
40607	40807	Gross Mnemonic - Digit 1	0	57	0	Read/Write	
40608	40808	Gross Mnemonic - Digit 2	0	57	0	Read/Write	
40609	40809	Gross Mnemonic - Digit 3	0	57	0	Read/Write	
40610	40810	Tare Mnemonic - Digit 1	0	57	0	Read/Write	
40611	40811	Tare Mnemonic - Digit 2	0	57	0	Read/Write	
40612	40812	Tare Mnemonic - Digit 3	0	57	0	Read/Write	
40613	40813	Total Mnemonic - Digit 1	0	57	0	Read/Write	
40614	40814	Total Mnemonic - Digit 2	0	57	0	Read/Write	
40615	40815	Total Mnemonic - Digit 3	0	57	0	Read/Write	
40616	40816	Max (Hi) Mnemonic - Digit 1	0	57	0	Read/Write	
40617	40817	Max (Hi) Mnemonic - Digit 2	0	57	0	Read/Write	
40618	40818	Max (Hi) Mnemonic - Digit 3	0	57	0	Read/Write	
40619	40819	Min (Lo) Mnemonic - Digit 1	0	57	0	Read/Write	
40620	40820	Min (Lo) Mnemonic - Digit 2	0	57	0	Read/Write	
40621	40821	Min (Lo) Mnemonic - Digit 3	0	57	0	Read/Write	

REGISTER ADDRESS		REGISTER NAME	LOW LIMIT	HIGH LIMIT	FACTORY SETTING	ACCESS	COMMENTS
List A	List B	Line 2 Units Label Mode (A/B List)					
40622	40822	Line 2 Units Mnemonic Digit 1 (Left)	0	54	0	Read/Write	Label Mnemonic Mode. 0 = 9 = l 18 = q 27 = 0 36 = 9 45 = o 54 = _ 1 = A 10 = J 19 = r 28 = 1 37 = a 46 = u 2 = b 11 = K 20 = S 29 = 2 38 = c 47 = w(r) 3 = C 12 = L 21 = t 30 = 3 39 = e 48 = - 4 = d 13 = M(l) 22 = U 31 = 4 40 = g 49 = = 5 = E 14 = M(r) 23 = W(l) 32 = 5 41 = h 50 = [6 = F 15 = N 24 = W(r) 33 = 6 42 = i 51 =] 7 = G 16 = O 25 = Y 34 = 7 43 = n 52 = / 8 = H 17 = P 26 = Z 35 = 8 44 = m(r) 53 = °
40623	40823	Line 2 Units Mnemonic Digit 2	0	54	0	Read/Write	
40624	40824	Line 2 Units Mnemonic Digit 3	0	54	0	Read/Write	
40625	40825	Line 2 Units Mnemonic Digit 4	0	54	0	Read/Write	
40626	40826	Line 2 Units Mnemonic Digit 5	0	54	0	Read/Write	
40627	40827	Line 2 Units Mnemonic Digit 6	0	54	0	Read/Write	
40628	40828	Line 2 Units Mnemonic Digit 7	0	54	0	Read/Write	
40629	40829	Line 2 Units Mnemonic Digit 8	0	54	0	Read/Write	
40630	40830	Line 2 Units Mnemonic Digit 9 (Right)	0	54	0	Read/Write	
List A	List B	Line 2 Units Custom Mode (A/B List)					
40631	40831	Input Mnemonic - Digit 1	0	54	0	Read/Write	Custom Mnemonic Mode. (See 40622 for list)
40632	40832	Input Mnemonic - Digit 2	0	54	0	Read/Write	
40633	40833	Input Mnemonic - Digit 3	0	54	0	Read/Write	
40634	40834	Input Mnemonic - Digit 4	0	54	0	Read/Write	
40635	40835	Input Mnemonic - Digit 5	0	54	0	Read/Write	
40636	40836	Input Mnemonic - Digit 6	0	54	0	Read/Write	
40637	40837	Input Mnemonic - Digit 7	0	54	0	Read/Write	
40638	40838	Input Mnemonic - Digit 8	0	54	0	Read/Write	
40639	40839	Input Mnemonic - Digit 9	0	54	0	Read/Write	
40640	40840	Gross Mnemonic - Digit 1	0	54	0	Read/Write	
40641	40841	Gross Mnemonic - Digit 2	0	54	0	Read/Write	
40642	40842	Gross Mnemonic - Digit 3	0	54	0	Read/Write	
40643	40843	Gross Mnemonic - Digit 4	0	54	0	Read/Write	
40644	40844	Gross Mnemonic - Digit 5	0	54	0	Read/Write	
40645	40845	Gross Mnemonic - Digit 6	0	54	0	Read/Write	
40646	40846	Gross Mnemonic - Digit 7	0	54	0	Read/Write	
40647	40847	Gross Mnemonic - Digit 8	0	54	0	Read/Write	
40648	40848	Gross Mnemonic - Digit 9	0	54	0	Read/Write	
40649	40849	Tare Mnemonic - Digit 1	0	54	0	Read/Write	
40650	40850	Tare Mnemonic - Digit 2	0	54	0	Read/Write	
40651	40851	Tare Mnemonic - Digit 3	0	54	0	Read/Write	
40652	40852	Tare Mnemonic - Digit 4	0	54	0	Read/Write	
40653	40853	Tare Mnemonic - Digit 5	0	54	0	Read/Write	
40654	40854	Tare Mnemonic - Digit 6	0	54	0	Read/Write	
40655	40855	Tare Mnemonic - Digit 7	0	54	0	Read/Write	
40656	40856	Tare Mnemonic - Digit 8	0	54	0	Read/Write	
40657	40857	Tare Mnemonic - Digit 9	0	54	0	Read/Write	
40658	40858	Total Mnemonic - Digit 1	0	54	0	Read/Write	
40659	40859	Total Mnemonic - Digit 2	0	54	0	Read/Write	
40660	40860	Total Mnemonic - Digit 3	0	54	0	Read/Write	
40661	40861	Total Mnemonic - Digit 4	0	54	0	Read/Write	
40662	40862	Total Mnemonic - Digit 5	0	54	0	Read/Write	
40663	40863	Total Mnemonic - Digit 6	0	54	0	Read/Write	
40664	40864	Total Mnemonic - Digit 7	0	54	0	Read/Write	
40665	40865	Total Mnemonic - Digit 8	0	54	0	Read/Write	
40666	40866	Total Mnemonic - Digit 9	0	54	0	Read/Write	
40667	40867	Max (Hi) Mnemonic - Digit 1	0	54	0	Read/Write	
40668	40868	Max (Hi) Mnemonic - Digit 2	0	54	0	Read/Write	
40669	40869	Max (Hi) Mnemonic - Digit 3	0	54	0	Read/Write	
40670	40870	Max (Hi) Mnemonic - Digit 4	0	54	0	Read/Write	
40671	40871	Max (Hi) Mnemonic - Digit 5	0	54	0	Read/Write	

REGISTER ADDRESS		REGISTER NAME	LOW LIMIT	HIGH LIMIT	FACTORY SETTING	ACCESS	COMMENTS
40672	40872	Max (Hi) Mnemonic - Digit 6	0	54	0	Read/Write	
40673	40873	Max (Hi) Mnemonic - Digit 7	0	54	0	Read/Write	
40674	40874	Max (Hi) Mnemonic - Digit 8	0	54	0	Read/Write	
40675	40875	Max (Hi) Mnemonic - Digit 9	0	54	0	Read/Write	
40676	40876	Min (Lo) Mnemonic - Digit 1	0	54	0	Read/Write	
40677	40877	Min (Lo) Mnemonic - Digit 2	0	54	0	Read/Write	
40678	40878	Min (Lo) Mnemonic - Digit 3	0	54	0	Read/Write	
40679	40879	Min (Lo) Mnemonic - Digit 4	0	54	0	Read/Write	
40680	40880	Min (Lo) Mnemonic - Digit 5	0	54	0	Read/Write	
40681	40881	Min (Lo) Mnemonic - Digit 6	0	54	0	Read/Write	
40682	40882	Min (Lo) Mnemonic - Digit 7	0	54	0	Read/Write	
40683	40883	Min (Lo) Mnemonic - Digit 8	0	54	0	Read/Write	
40684	40884	Min (Lo) Mnemonic - Digit 9	0	54	0	Read/Write	
FACTORY SERVICE							
40501-40506		Factory Service Registers	N/A	N/A	N/A	Read/Write	Factory Use Only - Do Not Modify
41001-41010		Slave ID	N/A	N/A	N/A	Read Only	RLC-PAX2S <a><0100h><0020h><0020h><0010h> <a> = SP Card Status. "0"-No Card, "2"-Dual SP, "4"-Quad SP = Linear Card Status. "0"-Not Installed, "1"-Installed <0100h> = Version Number (1.00 or higher) <0020h><0020h> = 64 Register Writes, 64 Register Reads (Max.) <0010h> = 16 Register GUID/Scratch
41101-41116		GUID/Scratch	N/A	N/A	N/A	Read/Write	Reserved (may be used in future RLC software)