PIC153-P-C-1

RS485 Modbus Address

SELEC®
Creating Best Value

Read Coil Status (Function Code:- 01)

Address	Hex Address	Variable Name	Coil Status		Para Type
			0	1	
10001	1	Temp Unit	ºC	ºF	R/W
10002	2	Reverse Scaling	NO	YES	R/W
10003	3	hres_mode	NO	YES	R/W
10007	7	Alarm_1 Latch	ON	OFF	R/W
10008	8	Alarm_1 Hold	ON	OFF	R/W
10009	9	Alarm_1 energize	ENERGIZE	DE-ENERGIZE	R/W
10010	A	Alarm_1 ANN	OFF	ON	R/W
10013	D	Alarm_2 Latch	ON	OFF	R/W
10014	E	Alarm_2 Hold	ON	OFF	R/W
10015	F	Alarm_2 energize	ENERGIZE	DE-ENERGIZE	R/W
10016	10	Alarm_2 ANN	OFF	ON	R/W
10019	13	Sensor error	LOW	HIGH	R/W
10020	14	Standby mode	NO	YES	R/W
10021	15	Npn_Pnp_selection	NO	YES	R/W
10022	16	Auto_manual_Selection	NO	YES	R/W
10024	18	FTC_selection	NO	YES	R/W

Read Input Status(Function Code:- 02)

Address	Hex Address	Variable Name	Para Type
20001	1	OVER RANGE	R
20002	2	UNDER RANGE	R
20003	3	RELAY2_STATUS	R
20004	4	RELAY3_STATUS	R
20005	5	DI_1	R
20006	6	DI_2	R

Input Register (Function Code: 04)

Address	Hex Address	Parameter	Signed/ Unsigned	Data Structure	Description	Para Type
30007	7	FINAL PV	Signed	DINT	FINAL PV	R
30066	42	FINAL PV_F32	Signed	Float	FINAL PV	R

PRESET MULTIPLE REGISTER(FUNCTION CODE:- 10)

Address	Hex Address	Parameter	Data Size (Data Type)	Signed/ Unsigned	Para Type	Range
40032	20	DSCL	4 Byte	Signed	R/W	-19999 to 99999
40034	22	DSCH	4 Byte	Signed	R/W	-19999 to 99999
40036	24	SPHL	4 Byte	Signed	R/W	-19999 to 99999
40038	26	SPLL	4 Byte	Signed	R/W	-19999 to 99999
40040	28	HA-1	4 Byte	Signed	R/W	-19999 to 99999
40042	2A	LA-1	4 Byte	Signed	R/W	-19999 to 99999
40044	2C	HA-2	4 Byte	Signed	R/W	-19999 to 99999
40046	2E	LA-2	4 Byte	Signed	R/W	-19999 to 99999
40048	30	ANALOG_LOW	4 Byte	Signed	R/W	-19999 to 99999
40050	32	ANALOG_HIGH	4 Byte	Signed	R/W	-19999 to 99999
40052	34	USER_ID	4 Byte	Unsigned	R/W	-0 to 99999
40064	40	DSCL	2 Byte	Signed	R/W	-9999 to 9999
40065	41	ISCL	2 Byte	Signed	R/W	-90.00 mV -10 .00 V to -20.00 mA
40066	42	DSCH	2 Byte	Signed	R/W	-9999 to 9999
40067	43	ISCH	2 Byte	Signed	R/W	-90.00 mV -10 .00 V to -20.00 mA
40068	44	SPHL	2 Byte	Signed	R/W	-9999 to 9999
40069	45	SPLL	2 Byte	Signed	R/W	-9999 to 9999
40096	60	HYST BIAS 1	2 Byte	Unsigned	R/W	-9999 to 9999
40097	61	HA-1	2 Byte	Signed	R/W	
40098	62	LA-1	2 Byte	Signed	R/W	
40099	63	HYST1	2 Byte	Unsigned	R/W	
40100	64	PON_DLY1	2 Byte	Unsigned	R/W	0 to 99.59
40101	65	RDLY_1	2 Byte	Unsigned	R/W	0 to 99.59
40102	66	HA-2	2 Byte	Signed	R/W	-9999 to 9999
40103	67	LA-2	2 Byte	Signed	R/W	-9999 to 9999
40104	68	HYST2	2 Byte	Unsigned	R/W	
40105	69	PON_DLY2	2 Byte	Unsigned	R/W	0 to 99.59
40106	6A	RDLY_2	2 Byte	Unsigned	R/W	0 to 99.59
40107	6B	HYST BIAS 2	2 Byte	Unsigned	R/W	
40110	6E	HAND_PTAGE	2 Byte	Unsigned	R/W	0 to 1000
40111	6F	ANLG_LO	2 Byte	Signed	R/W	-9999 to 9999
40112	70	ANLG_HI	2 Byte	Signed	R/W	-9999 to 9999
40113	71	PV_BIAS	2 Byte	Signed	R/W	-999 to 999

Address	Hex Address	Parameter	Data Size (Data Type)	Signed/ Unsigned	Para Type	Range
40116	74	USER_ID	2 Byte	Unsigned	R/W	0 to 99999
40129	81	INPUT_TYPE	1 Byte	Unsigned	R/W	0 - J,1 - K, 2 - T, 3 - R, 4 – S, 5 – C 6 – E, 7 – B, 8 – N 9 – L, 10 – U, 11 – W 12 – PTNL, 13 - PT100 14 – PT1000, 15 – mV 16 – Voltage, 17 - Current
40131	83	RESOLUTION	1 Byte	Unsigned	R/W	TC/RTD 1=0, 0.1=1 Analog I/p: 1=0 0.1=1, 0.01=2 0.001=3 0.0001=4
40132	84	PV_COLOR	1 Byte	Unsigned	R/W	0 – RED 1 – WHITE 2 – AL1 3 – AL2 4 – ANNUNCIATOR
40133	85	PV_N	1 Byte	Unsigned	R/W	0 – RED 1 – WHITE
40134	86	PV_HI	1 Byte	Unsigned	R/W	0 – RED 1 – WHITE
40135	87	PV_LO	1 Byte	Unsigned	R/W	0 – RED 1 – WHITE
40147	93	ALM1_MODE	1 Byte	Unsigned	R/W	0 – OFF,1 – HA 2 – LA,3 – BAND 4 – S.BREAK
40151	97	ALM2_MODE	1 Byte	Unsigned	R/W	0 – OFF, 1 – HA 2 – LA, 3 – BAND 4 – S.BREAK
40155	9B	DIN_WORKING	1 Byte	Unsigned	R/W	0 – NONE 1 – KEYS
40157	9D	AOUT_ SELECTION	1 Byte	Unsigned	R/W	4-20=0 0-20=1 0-5V=2 0-10=3
40161	A1	FTC	1 Byte	Unsigned	R/W	1 to 99
40162	A2	ROUNDING	1 Byte	Unsigned	R/W	for TC / RTD 0.1 to 10.0 For Analog Input As per decimal point
40174	AE	LOCK_0	1 Byte	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40176	B0	LOCK_1	1 Byte	Unsigned	R/W	UNLK=0, READ=1, LOCK=2

Address	Hex Address	Parameter	Data Size (Data Type)	Signed/ Unsigned	Para Type	Range
40177	B1	LOCK_2	1 Byte	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40178	B2	LOCK_3	1 Byte	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40179	B3	LOCK_4	1 Byte	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40512	200	DSCL	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40514	202	DSCH	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40516	204	SPHL	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40518	206	SPLL	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40520	208	HA-1	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40522	20A	LA-1	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40524	20C	HA-2	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40526	20E	LA-2	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40528	210	ANALOG_LO	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40530	212	ANALOG_HI	1 Byte	Unsigned	R/W	-1999.9 to 9999.9
40544	220	DSCL	4 Byte	Signed	R/W	-999.9 to 999.9
40546	222	DSCH	4 Byte	Signed	R/W	-999.9 to 999.9
40548	224	SPHL	4 Byte	Signed	R/W	-999.9 to 999.9
40550	226	SPLL	4 Byte	Signed	R/W	-999.9 to 999.9
40552	228	HA-1	4 Byte	Signed	R/W	-999.9 to 999.9
40554	22A	LA-1	4 Byte	Signed	R/W	-999.9 to 999.9
40556	22C	HA-2	4 Byte	Unsigned	R/W	-999.9 to 999.9
40558	22E	LA-2	4 Byte	Unsigned	R/W	-999.9 to 999.9
40560	230	ANALOG_LO	4 Byte	Unsigned	R/W	-999.9 to 999.9
40562	232	ANALOG_HI	4 Byte	Unsigned	R/W	-999.9 to 999.9
40586	24A	HYST1	4 Byte	Signed	R/W	-99.9 to 99.9
40592	250	HYST2	4 Byte	Unsigned	R/W	-99.9 to 99.9
40600	258	PV_BIAS	4 Byte	Unsigned	R/W	-999.9 to 999.9