Elecon Measurements Pvt Ltd, Bangalore

Communication Register Map for TM & LG Series

This Communication register map is for Tiny Master and Little Genius series of meters. The Meter will communicate with applicable parameters of particular model and others will read zero. Parameters declared in the communication map are float & unsigned long and follows the standard Modbus RTU protocol.

Sl.No	Parameter	Data type	Address	Remarks
1	**Watts Total**	float	40101	
2	**Watts R phase**	float	40103	
3	**Watts Y phase**	float	40105	
4	**Watts B phase**	float	40107	
5	**VAR Total**	float	40109	
6	**VAR R phase**	float	40111	
7	**VAR Y phase**	float	40113	
8	**VAR B phase**	float	40115	
9	**PF average (Instantaneous)**	float	40117	
10	**PF R phase**	float	40119	
11	**PF Y phase**	float	40121	**Applicable for TM and LG Series**
12	**PF B phase**	float	40123	
13	**VA total**	float	40125	
14	**VA R phase**	float	40127	
15	**VA Y phase**	float	40129	
16	**VA B phase**	float	40131	
17	**VLL average**	float	40133	
18	**Vry phase**	float	40135	
19	**Vyb phase**	float	40137	
20	**Vbr phase**	float	40139	
21	**VLN average**	float	40141	
22	**V R phase**	float	40143	
23	**V Y phase**	float	40145	
24	**V B phase**	float	40147	
25	**Current Total**	float	40149	
26	**Current R phase**	float	40151	
27	**Current Y phase**	float	40153	

Elecon Measurements Pvt Ltd, Bangalore

28	**Current B phase**	float	40155	
29	**Frequency**	float	40157	
28	**Current B phase**	float	40155	
30	**Wh received**	float	40159	
32	**VARh inductive received**	float	40163	**Applicable for TM and LG Series**
33	**VARh capacitive received**	float	40165	
34	**Wh Delivered**	float	40167	
35	**VAh Delivered**	float	40169	
36	**VARh inductive Delivered**	float	40171	
37	**VARh capacitive Delivered**	float	40173	
38	**Wh Net**	float	40175	
39	**VAh Net**	float	40177	
40	**VARh inductive Net**	float	40179	
41	**VARh capacitive Net**	float	40181	
42	**Reserved**		40183	
43	**Reserved**		40185	
44	**Reserved**		40187	
45	**Reserved**		40189	
46	**Reserved**		40191	
47	**Reserved**		40193	
48	**Reserved**		40195	**Applicable for TM Series Only**
49	**Rising Demand**	float	40197	
50	**Reserved**		40199	
51	**Maximum Demand**	float	40201	
52	**Reserved**		40203	
53	**Analog Input 1**	float	40205	
54	**Analog Input 2**	float	40207	
55	**Digital Input 1**	Unsigned long	40209	
56	**Digital Input 2**	Unsigned long	40211	
57	**Digital Input 3**	Unsigned long	40213	
58	**Digital Input 4**	Unsigned long	40215	
59	**Load Hours Received**	Unsigned long	40217	
60	**Load Hours Delivered**	Unsigned long	40219	

Elecon Measurements Pvt Ltd, Bangalore

61	**Load Hours Net**	Unsigned long	40221	**Applicable for TM Series Only**
62	**Maximum Demand Occurrence time**	Unsigned long	40223	
63	**Reserved**		40225	
64	**Reserved**		40227	
65	**Reserved**		40229	
66	**Reserved**		40231	