

Productivity®1000 User Manual



Please include the Manual Number and the Manual Issue, both shown below, when communicating with Technical Support regarding this publication.

Manual Number: **P1-USER-M**
Issue: **2nd Ed. Rev. I**
Issue Date: **03/25**

Publication History		
Issue	Date	Description of Changes
1st Edition	11/17	Original
1st Edition, Rev. A	3/18	Updated Specification tables and formatting.
1st Edition, Rev. B	9/18	Added 10 new expansion modules.
1st Edition, Rev. C	6/19	Added P1-550, Power supplies P1-01DC & P1-02AC, 7 new expansion modules.
1st Edition, Rev. D	8/19	Updated Logo and registered trademark symbol for Productivity®1000
1st Edition, Rev. E	01/20	Updated Battery installation procedure for P1-540, P1-550 page 2-14, 2-22 & 7-3.
1st Edition, Rev. F	02/20	Added Appendix C for network security considerations.
1st Edition, Rev. G	03/20	Revised wiring schematic page 3-59 for P1-4ADL2DAL
1st Edition, Rev. H	03/10/20	Revised Table page 2-66 for P1-16TR module
1st Edition, Rev. I	03/18/20	Added note on page 1-12 and revised from 8 to 15 modules page 5-6
1st Edition, Rev. J	04/20	Updated formatting.
1st Edition, Rev. K	05/20	Revised Chapter 4 P1-02HSC description
1st Edition, Rev. L	07/20	Revised P1-4ADL2DAL-2 Specification Input Stability to +/- 0.03% of range
1st Edition, Rev. M	08/21	Added P1-RX module and references for PS-AMC modules
1st Edition, Rev. N	09/21	Updated P1-15TD2 module general specification table.
1st Edition, Rev. O	11/21	Updated remote I/O bases layout graphic heading text (2-31).
1st Edition, Rev. P	12/21	Added software/firmware version note to applicable modules. Revised CPU battery text.
1st Edition, Rev. Q	12/27/21	Added clarifying notes for upper and lower range error limits of respective P1-08ADL-1, P1-04ADL-1, and P1-04ADL2DAL-1 hardware setup dialog boxes in Chapter 3.

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1st Edition, Rev. R	3/11/22	Updated P1-RX specifications.
1st Edition, Rev. S	3/22/22	Updated P1-04AD, P1-04ADL-1, and P1-4ADL2DAL-1 general specification tables.
2nd Edition	10/22	Revised manual formatting. Updated P1-04HTM spec tables.
2nd Edition, Rev. A	01/2023	Updated P1-04ADL-2, P1-08ADL-2, and P1-4ADL4DAL-2 specification tables.
2nd Edition, Rev. B	04/2023	Added P1-04AD-1 and P1-04AD-2 modules.
2nd Edition, Rev. C	11/2023	Added P1-08ND-TTL and P1-08TD-TTL modules.
2nd Edition, Rev. D	03/2024	Updated P1-15CDD1 data tables and wiring schematics.
2nd Edition, Rev. E	05/2024	Added P1-04TRS module and general updates.
2nd Edition, Rev. F	08/2024	Updated P1-02HSC module general specification table.
2nd Edition, Rev. G	10/2024	Updated P1-04NTC module Input Specification table Thermistor Input Ranges: 10K-AN Type 3.
2nd Edition, Rev. H	01/2025	Updated USB-RS232 cable to USB-RS232-1
2nd Edition, Rev. I	03/2025	Updated P1-04AD-1 and P1-04AD-2 Max Crosstalk value.