



BI Technologies Precision Potentiometers and Industrial Panel Potentiometers

BI Technologies, a TT Electronics company, has an extensive product offering of rotary and linear precision potentiometers and counting dials. The company has recently released one of the industry's lowest-profile single-turn potentiometers and new versions of precision potentiometers that address the industrial market's heavy side-load application requirement. Additionally, BI has introduced a series of panel potentiometers specifically designated for high-end industrial applications.



Precision potentiometers;
panel potentiometers

Features ▶

- Extended life cycles
- Custom-designed flexibility
- Outstanding standard independent linearity, non-standard available
- Rugged construction
- Sealed versions available

Benefits ▶

- Dependable, long lasting, and a high level of performance in varied applications
- Wide range of product offerings for the design engineer
- Scientists and engineers available to assist with material and design requirements
- Experienced technical sales force
- Outstanding quality and service reputation

Applications ▶

- Position sensing in heavy equipment and robots
- Hydraulic valve controls for heavy equipment
- Power control for welders
- Directional speed controls for forklifts
- Joystick controls for aerial lifts

Product Specifications ▶

Product Series	Product Type	Multi-turn	Single Turn	Diameter	Element	Cycle Life	Std. Linearity	Power Rating (W)
400	Precision linear	NA	NA	.5" travel	Conductive plastic	5 million	1.00	0.25
3381	Precision rotary	NA	Yes	1-5/16"	Conductive plastic	10 million	0.25	2
5100	Precision rotary	NA	Yes	7/8"	WW	500 thousand	0.50	0.75
6130	Precision rotary	NA	Yes	7/8"	Conductive plastic	5 million	1.00	1
6180	Precision rotary	NA	Yes	7/8"	Conductive plastic	5 million	1.00	1
7280	Precision rotary	10	NA	7/8"	WW	1 million	0.25	2
7380	Precision rotary	3	NA	7/8"	WW	300 thousand	0.20	1.5
7480	Precision rotary	5	NA	7/8"	WW	500 thousand	0.25	1.5
8140	Precision rotary	10	NA	7/8"	Hybrid	5 million	0.25	2
Model A	Precision rotary	3	NA	1-13/16"	WW	2 million	0.05	5
P230	Panel potentiometer	NA	Yes	24 mm	Conductive plastic	500 thousand	NA	0.5
P232	Panel potentiometer	NA	Yes	24 mm	Conductive plastic	2 million	NA	0.5
P270	Panel potentiometer	NA	Yes	27 mm	Conductive plastic	1 million	NA	2
RB	Dial	15	NA	1-13/16"	NA	NA	NA	NA
2606	Dial	20	NA	7/8"	NA	NA	NA	NA

Related Information ▶

All precision and panel potentiometers are RoHS compliant. Precision potentiometers are available in bushing mount and servo mount, and all products are offered with several options.

BI Technologies offers many components for the industrial market—trimmers, thin film and thick film resistor networks, magnetics, and micro-circuits.



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