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PANTHER®

Scale Terminal

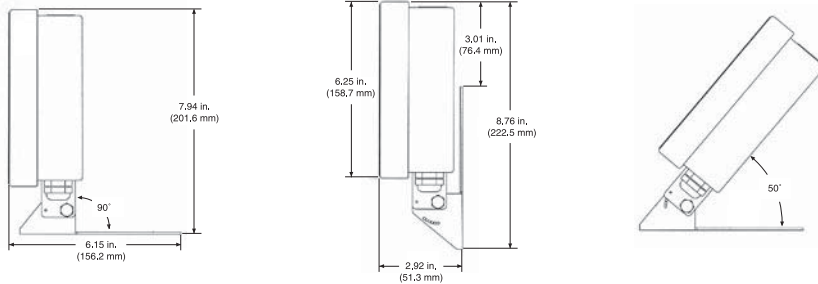


Put Speed and Accuracy in Your Weighing and Process Control Applications

METTLER TOLEDO

Small in size and high in performance, the PANTHER scale terminal offers outstanding value

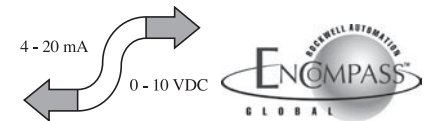
The PANTHER scale terminal is a compact, easy-to-use weight terminal for analog scales. Rugged yet versatile, it is available in a harsh environment stainless steel enclosure that can be column, wall, or desk mounted, or in a compact panel mount version.



Specifications	Harsh Environment (column-, wall-, or desk-mounted)	Panel Mount
Physical Dimensions (W x D x H)	178 x 66 x 159 mm (7 x 2.58 x 6.25 in)	170 x 130 x 90 mm (6.75 x 5.2 x 3.62 in)
Construction	Stainless steel construction designed to provide Certified TYPE 4x and IP65 protection	Stainless steel front panel Certified TYPE 4 and IP65 protection when mounted in appropriate enclosure
Power	Universal AC power supply works with 100, 120, 220, 240 VAC power sources	
Operating Temperature	-10°C to 45°C (14°F to 113°F)	
Display	12.7 mm / 0.55 in high, 7-digit, 7-segment vacuum fluorescent numeric display	
Keypad	6- function	
Scale Performance	Internal resolution 1,000,000; External 10,000	
Scale Interface (Analog)	Maximum of eight 350 ohm analog load cells	
Scale Update Rate	>300 Hz	
Digital Filtering	METTLER TOLEDO's exclusive TraxDSP™ filtering	
Process Control	2 setpoints with preact zero tolerance	
Checkweighing	4 targets with 5 zones each	
Discrete Outputs/Inputs	3 outputs / 1 input / 5 zones status LEDs	3 outputs / 1 input / 3 zone status LEDs
Serial Interface	Standard RS-232 printer connections or bi-directional serial continuous output	
Shipping Weight	2.5 kg (5.5 lb)	
Options	Analog output (0-10 V or 4-20 mA analog output) Three high level outputs for switching between 28-230 VAC (panel mount only) Direct PLC connectivity (Allen-Bradley RIO, PROFIBUS, or Modbus Plus)	

Standard Features:

- **Process Control Connectivity** – The PANTHER terminal can be integrated with process control equipment through a variety of methods, including discrete I/O, 4-20 mA or 0-10 V analog output, Allen-Bradley RIO, Modbus Plus®, and PROFIBUS®.
- **Flexible Uses** – Select standard weighing, batch process weighing or manual checkweighing.
- **Built-In Setpoints** – Built-in setpoints can be used to create hybrid automated control systems or for batch process and filling applications.
- **Adjustable Filtering** – The PANTHER terminal includes the METTLER TOLEDO exclusive TraxDSP® vibration rejection and superior noise filtering, which can be adjusted to minimize response time and get stable weights even when the scale has a mixer or agitator mounted on it.
- **Hazardous Area Applications** – The PANTHER terminal can interface with scale bases used in hazardous areas when installed with appropriate barriers. The panel-mount analog load cell version has been Factory Mutual approved for use in Division 2 and Zone 2 areas. This version has also been KEMA certified as a Category 3 G/D device for use in Zone 2 and Zone 22 areas.



Analog Output



For more information, contact your authorized METTLER TOLEDO representative or one of the regional offices below.



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