

Incremental Encoder TO 60 IN

MEAS | MEAS PT8

The PT8150 series industrial incremental encoder features linear position to 60 inches and provides the highest accuracy and longest life of any measurement device of its kind.



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors

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Position Sensor Product Type: **PT8150 - Incremental Encoder**

Full Stroke Range: **625 mm**

Output Signal Type: **Incremental Encoder**

Accuracy: **±.04 % of FS**

Repeatability: **.02 % of FS**

The PT8150 series incremental encoder offers numerous advantages over other industrial-grade sensors.

It installs in minutes by mounting its body to a fixed surface and attaching its cable to the movable object, fits into areas unsuited for rod-type measurement devices, and works without perfect parallel alignment.

Benefits

- Linear Position to 60 inches (or 1250mm metric range)
- Aluminum or Stainless Steel Enclosure Options
- VLS Option to Prevent Free-Release Damage
- IP67
- NEMA 6 Protection

Features

Reference Number

CAT-CAPS0028

Product Type Features

Position Sensor Product Type	PT8150 - Incremental Encoder
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Body Features

Case Material	Aluminum, Stainless Steel
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Dimensions

Full Stroke Range (mm)	625, 762
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Full Stroke Range (in)	24.6, 30
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Usage Conditions

Accuracy (% of FS)	±.04
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Operating Temperature Range (°C)	-18 - 71
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Operating Temperature Range (°F)	0 - 160
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Operation/Application

Resolution (ppmm)	5080, 10160
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Output Signal Type	Incremental Encoder
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Industry Standards

IP Rating	IP67
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Other

Repeatability (% of FS)	.02
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Encoder Drive	No
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Measuring Cable	Bare Stainless Steel
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