RTP Series Hall-Effect Rotary Position Sensors
Product Nomenclature

Honeywell

For example, **RTP050LVEBX** defines an RTP Series Hall-Effect Rotary Position Sensor, 50° (±25°) sensing range angle, 5 Vdc supply voltage, European pinout style, inverted 4.5 Vdc (left), 0.5 Vdc (right) output type, bare magnet actuator type

RTP — Series

RTP Series Hall-Effect Rotary Postion Sensor with External Actuator

050 — Sensing Range Angle

- **050** 50° (±25°)
- **060** 60° (±30°)
- **070** 70° (±35°)
- **090** 90° (±45°)
- **120** 120° (±60°)
- **180** 180° (±90°)
- **270** 270° (±135°)
- **350** 350° (±175°)
- **360** 360° (±180°)[1]

LV — Supply Voltage

- **LV** 5 Vdc
- **HV** 10 Vdc to 30 Vdc

E — Pinout Style

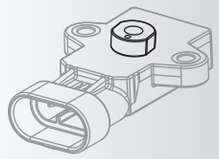
- **E** European:
  pin 1 = GND
  pin 2 = Vcc
  pin 3 = output
- **N** North American:
  pin 1 = Vcc
  pin 2 = GND
  pin 3 = output

B — Output Type

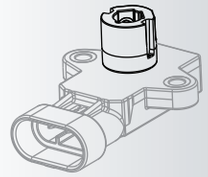
- **A** Standard:
  0.5 Vdc (left), 4.5 Vdc (right)
- **B** Inverted:
  4.5 Vdc (left), 0.5 Vdc (right)

X — Actuator Type

- **X** Bare magnet



- **A** Housed magnet (carrier type "A")[2]



[1] 360° Sensing Range Angle available upon request.
[2] Customized housed magnet actuators available upon request.

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