

# P<sub>osition Sensing Configurations for Airpel<sup>®</sup> Cylinders</sub>

If you need electrical output of piston position, Airpot Corporation offers an easy-to-install, secure, and reliable solution. Read on...

For customers desiring electrical output of piston position, most Airpel models are offered with an optional switch-activating magnet on the piston, as well as one or more optional aluminum tracks attached to the cylinder.

The tracks are specially designed for easy, secure mounting of the Sick, Inc. position sensors which we offer separately. We stock popular models of these extremely reliable GMR sensors along with matching accessory extension cables.

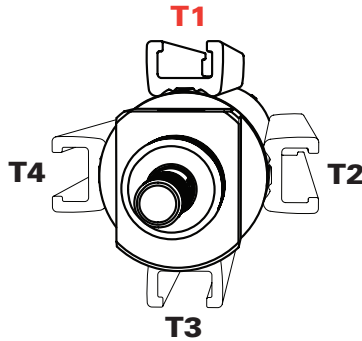
## To Specify Magnet and Tracks

Simply add the appropriate letter designator(s) to the end of a basic Airpel part number.

**M** = Magnet attached to piston

Example: Basic Model E16D1.5U becomes E16D1.5U**M**

**T#** = Magnet plus sensor track(s) attached to the cylinder at position **T#** as shown in the diagram below.



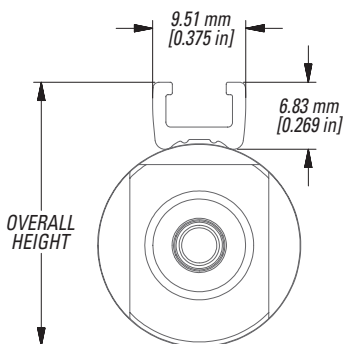
View from front (rod end) with front and rear ports aligned along position **T1** axis

### Example:

Basic Airpel model E16D1.5U with a magnet and one track at the 90 degree position (clockwise) becomes E16D1.5U**T2**

and with a **second track** attached to the cylinder at the 270 degree position the part number becomes E16D1.5U**T2T4**

## Airpel Sensor Track Information



Model	Overall Height
E9/M9	20.3 mm (0.80 in.)
E16/M16	27.0 mm (1.06 in.)
E24/M24	38.2 mm (1.51 in.)



Sensors sold separately.

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