

# Position Sensing Configurations for Airpel®-Cylinder



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 aluminium 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 M16D50U becomes M16D50U-**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**

Example:  
Basic Airpel model M16D50U with a magnet and one track at the 90 degree position (clockwise) becomes M16D50U-**T2**  
and with a **second track** attached to the cylinder at the 270 degree position the part number becomes M16D50U-**T2T4**

**Airpel Sensor Track Information**

Model	Overall Height
M9	20.3 mm
M16	27.0 mm
M24	38.2 mm

