

The ANY-maze Rotary encoder



Overview

The ANY-maze Rotary encoder detects rotations of an axle. This can be useful in a variety of situations; for example, if the axle has a running wheel mounted on it, the encoder will detect rotations of the wheel; or, if the axle connects to an animal tether, the encoder will detect rotations of the animal.

Details

- Encoder plugs directly into the ANY-maze Digital interface.
- 1/4-inch shaft.
- Angular resolution of 5°.
- Maximum rotational speed of 5 revolutions per second.
- Mounting plate with 0.15-inch holes make it easy to fit to existing cages.

Technical specification

Encoder	
Encoder type	Incremental / quadrature output
Pulses per revolution	64
Maximum RPM when used with ANY-maze Digital interface	292
Supply voltage	5V
Supply current	50mA (typical)
Mechanical	
Maximum shaft loading	900g (2lb)
Cable length	183cm (6')

