

MODEL: 2130-1 ZERO SPEED SWITCH PRODUCT SPECIFICATIONS

GENERAL:

- Designed for general industrial service.
- Standard housing constructed from cast aluminum. Also available in cast iron (CI) and explosion proof (EP) housing.
- Electrical entrance is dust and vapor proof conduit fitting.
- Approximate dimensions: 6" Long, 3 3/4" High, 4 1/8" Wide. Shaft diameter is 1/2".

ELECTRICAL:

- Switch is equipped with two sets of totally enclosed S.P.D.T. snap action contacts rated as follows:
 AC: 10 amps. 125 — 250 — 480 volts • DC: 1/2 amp. 125 volts | 1/4 amp. 250 volts
- Each set of contacts operates independently of the other set.

OPERATION:

- Operating range 15 -200 R.P.M.
- On shaft rotation one set of contacts is actuated to make or break an electrical circuit as soon as input shaft speed, on acceleration, reaches approximately 8-11 R.P.M. The other set of contacts remains dormant. The actuated contacts will remain in the actuated position as long as the shaft speed is maintained at or in excess of the trip-point speed on acceleration. On slow drifting speed loss, the contacts will drop out at approximately 2 seconds after shaft ceases rotating. On rapid or instant speed loss, the contacts will drop out at approximately 0 speed.
- This model indicates shaft rotation in either direction, as well as the direction of shaft rotation. Also indicates zero speed.
- Unit contains a proprietary silicone oil mix which lends stability to its operation from -40⁰ F to +250⁰ F or -40⁰ C to +482⁰ C.
- This model is not adjustable in field.

MOUNTING AND DRIVING:

- This model is available in base or flange type mounting.
- Unit can be mounted for operation in any position.
- Driving torque required is approximately 4 Inch Ounces.
- Recommended method of driving is with our flexible K-Coupling.
- Use caution regarding overhang load on shaft. Avoid end pressure and deflection on shaft.

SPECIFICATIONS:

Type	Mount	Description	Net Wt.
2130	B	Standard housing -- base mount	4 lbs.
2130	F	Standard housing -- flange mount	4 lbs.
CI-2130	B	Cast iron housing -- base mount	8 lbs.
CI-2130	F	Cast iron housing -- flange mount	8 lbs.
2130	EP-1	Explosion proof housing	13 lbs.