

SRO Technology Ramsey Pro-Line Under Speed Switches

Two types of switches sense under speed conditions in rotating equipment

The Pro-Line Model 60-23P Under Speed Switch monitors speed by sensing a ferrous element attached to the rotating shaft or equipment. The detector generates impulses from the ferrous element and closes alarm contact when the time between impulses is greater than the time adjusted by the setpoint. The unit operates on the number of impulses received rather than actual revolutions. Low speed range may be enhanced by increasing the number of ferrous elements on the rotating shaft.

The Pro-Line Model 60-23A Under Speed Switch monitors speed of a rotating shaft. It is directly coupled to the rotating shaft and will detect one-to-one rotation of the shaft.

Features and benefits of Pro-Line switches

- Non-contacting, proximity-type detector provides longer life and lower operating costs (60-23P)
- Two-bolt mounting assures simple installation
- Single-piece construction with no separate control unit
- Provides ease when setting up and/or troubleshooting
- Rugged housing is weather-tight, polyamide/fiberglass, and sturdy, yet lightweight
- No moving parts and a longer trouble-free life (60-23P)
- Alarm/delay: 10 second delay while rotating equipment reaches operating speed
- Alarm to normal delay assures notification when speed drops below adjustable setpoint

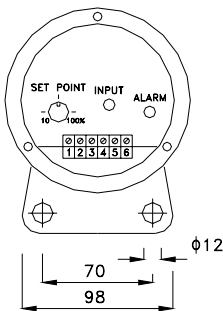
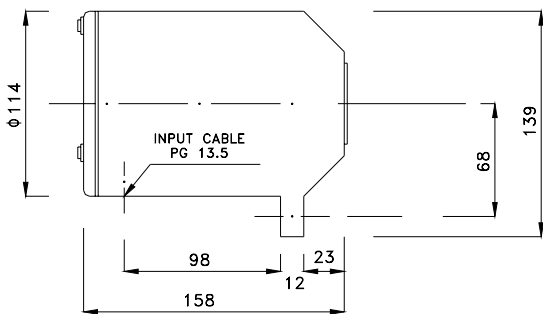


Pro-Line Under Speed Switches
Models 60-23P and 60-23A

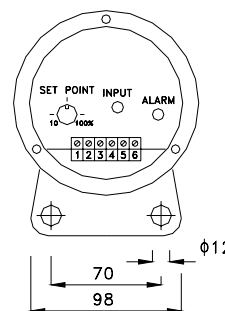
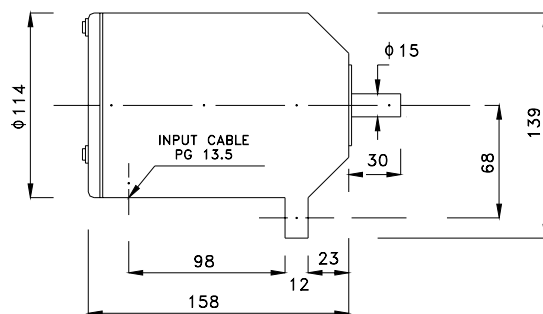
Specifications

Pro-Line Under Speed Switches	
Voltage	110/220 VAC, ±10%
Frequency	47-62 Hz
Consumption	5 watts
Operating temperature range	-4° F to +149° F (-20° C to +65° C)
Storage temperature range	-40° F to +176° F (-40° C to +80° C)
Alarm contacts	Two: one normally open, one normally closed Two amp, 250 VAC non-inductive load
Operating range	60-600 impulses per minute (60-23P) 15-150 revolutions per minute (60-23A)
Start-up delay	10 seconds
Alarm setpoint	Adjustable between 10% and 100% of operating speed
Maximum distance from sensor to ferrous element (60-23P)	0.35 in. (9 mm)
Enclosure	Polyamide/fiberglass, gasketed weatherproof
Weight	2.9lb (1.3kg) Model 60-23P 3.3lb (1.5kg) Model 60-23A

Model 60-23P switch mounting dimensions



Model 60-23A switch mounting dimensions



Learn more at srotechnology.com/ramsey-60-23p-under-speed-switch