

MODEL BX136VR

OVERSPEED TACHOMETER RELAY

- ☺ Made in South Africa
- ☺ Use with variable reluctance sensor
- ☺ 11 pin Plug-In
- ☺ Compact Size
- ☺ Low Cost

The model BX136VR is a tachometer relay designed originally for stationary diesel engines. Because of the wide operating voltage range, one unit covers both 12V and 24V operation.

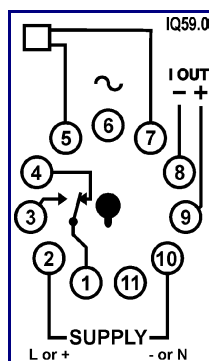
Any variable reluctance (magnetic) proximity switch may be used to detect engine rotation from the flywheel teeth. A bank of DIP switches selects the number of flywheel teeth to match the engine.

When the speed of the engine exceeds the set point of the BX136VR the relay energises. The relay de-energises when the speed drops 5% below this value.

A 0-1mA output proportional to engine speed can be used to drive a meter to act as an rpm counter.

LEDs are provided to indicate "Power On", "Relay On", and "Pulse".

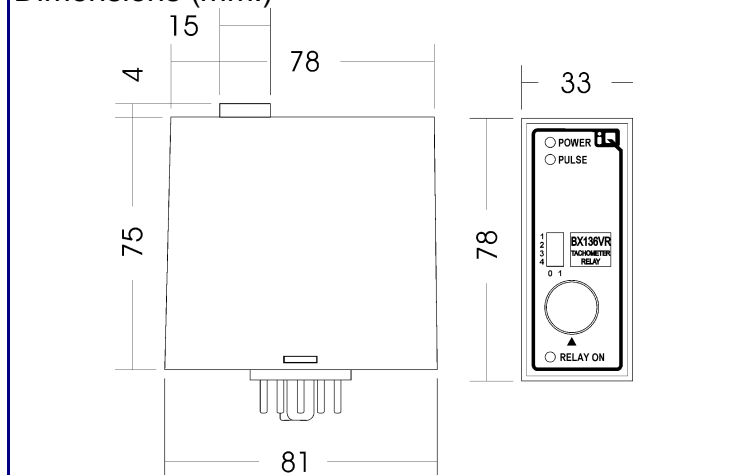
Connections



Specifications

POWER SUPPLY	10 ~ 30V DC
POWER CONSUMPTION	2W @ 12V DC 4W @ 24V DC
RELAY CONTACTS	SPDT 10A 250VAC 2500VA Max. 10A 30VDC 300W Max.
FLYWHEEL TEETH	120 ~ 180
RANGE	Set Point 300 ~ 3000RPM RPM Meter 0 ~ 3000RPM
HYSTERESIS	5%
OUTPUT	0 ~ 1mA
RESPONSE TIME	< 0.5 seconds

Dimensions (mm.)



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