

MODEL BX136

OVERSPEED TACHOMETER RELAY

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

The model BX136 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.

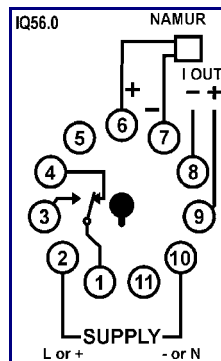
Any NAMUR two wire proximity switch may be used to detect engine rotation.

When the speed of the engine exceeds the set point of the BX136 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.
SENSOR VOLTAGE (NAMUR)	8.2V ± 0.5V
RANGE	Set Point 300 ~ 3000RPM RPM Meter 0 ~ 3000RPM (1 pulse/revolution)
HYSTERESIS	5%
OUTPUT	0 ~ 1mA
RESPONSE TIME	From 2 nd pulse received

Dimensions (mm.)

