

ANALOGUE PROCESS CONTROLLERS

TR4800 TACHOMETER RELAY



- 3 models for 5 to 10,000 rpm
- High speed response to input
- 1mA meter output to display rpm
- Internal 15Vdc sensor supply

The TR4800 series tachometer relay will switch it's output at the speed selected on the front dial. The units are designed to match the styling of the TC4800 temperature controllers and TT4800 Timers. They offer a fast reaction time of <0.4sec at 150rpm, have an internal supply to power active sensors and a meter output to display the measured speed. The range consists of three models covering speeds from 5 to 10,000 rpm.

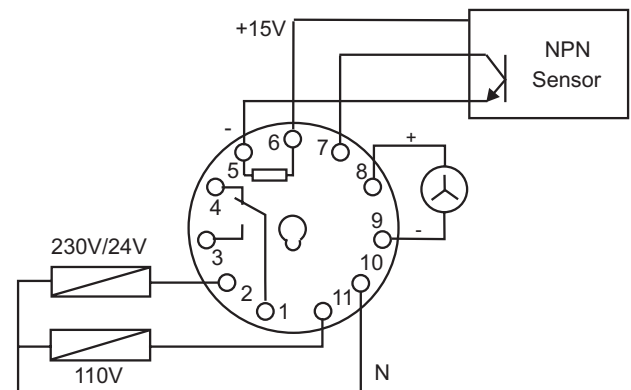
SPECIFICATION

Supply voltage: 110/230(220-240)Vac @ 50/60 Hz or 24Vac/dc
 Power drain: 3VA or 2 Watts max.
 Scale accuracy: +/- 2% of full scale
 Sensing ranges: 01: 5 to 100 rpm
 02: 50 to 1000 rpm
 03: 500 to 10000 rpm
 Input sensor: Any volt-free contact or 3-wire active sensor with a power consumption of < 25mA at 15Vdc. Ask for details of our SC and SI sensor ranges.
 Output rating: SPCO relay rated at 5A/240Vac or 30Vdc resistive
 Electrical life: 100,000 ops at rated load
 Meter output: 1 mAmp fsd
 Ambient range: -10 to 60°C non-condensing
 Approvals: Conforms to CE emc EN50081-1 & EN50082-1 and low voltage EN61010-1 directives
 Weight: 200gms

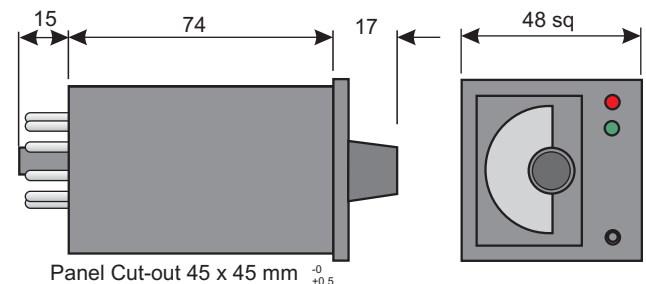
Part Numbering Options : TR4801 - A - B

A	Range	5 - 100 rpm 50 - 1000 rpm 500 - 10000 rpm	01 02 03
B	Power supply	110/230Vac 24Vac/dc	110/230VAC

CONNECTION DIAGRAM



DIMENSIONS



STANDARD ITEMS

Speed range	Part Number
5 - 100 rpm	TR4801-01-110/230VAC
50 - 1000 rpm	TR4801-02-110/230VAC
500 - 10000 rpm	TR4801-03-110/230VAC
Wiring socket - panel mount	AZ511
Wiring socket - DIN rail	AZ611

For further details of wiring sockets and sensors please contact our sales office.