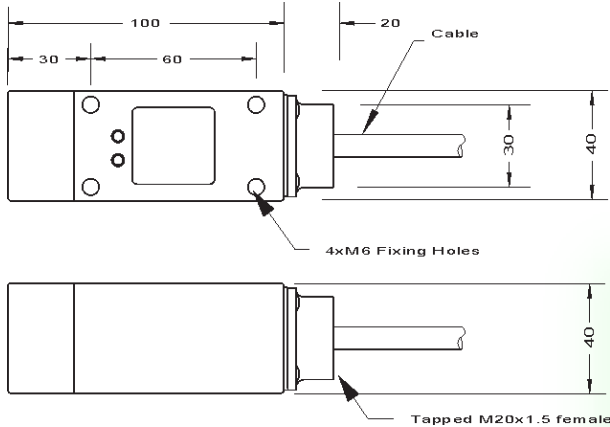


## ROTAMATIC UNDERSPEED PU1DR(A)

A DIN standard limit switch packaged underspeed monitor with relay output. Output given if input speed falls by 20% or more below set running speed.



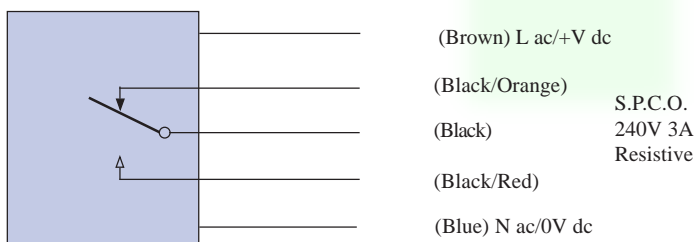
### Dimensions



### SPECIFICATION - GENERAL

Supply	12-24V dc/24-240V ac.
Operating Temp	-15°C to +50°C.
Operating Speed	10-3600 PPM.
I.P. Rating	IP65.
Operating Distance	12mm max (ferrous target - 25mm dia. min.)
Output	S.P.C.O Relay. 3A 240V ac maximum.
Output State	Output energised @ set running speed, de-energised if rotation falls 20% or more below nominal speed.
Calibration	Start-up delay and set running speed user programmable using magnet (supplied) applied to a target area on body of sensor. Automatically calibrates to 20% under normal running speed.
Start-Up Delay	Programmable start-up delay. Output energises for a time period irrespective of incoming pulse signal, allows machine to achieve running speed. Max. delay 30 seconds.
Indication	LED indication of input pulses and output energised.
Weight	500g.

### Connections

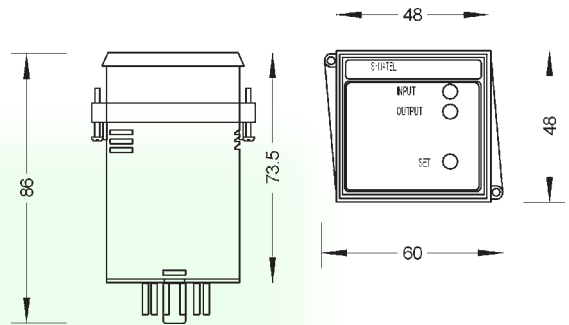


## MODUSTOP STOPPED MOTION LSM48

Non contact, solid state unit. 48mm din standard enclosure, adjustable input signal time delay with relay output. Ideal for gear & chain driven applications. See RMR48/T for belt driven applications.



### Dimensions



### SPECIFICATION - GENERAL

Supply	110/230V ac 50/60Hz.
Operating Temp	-15°C to +50°C.
Operating Speed	1-10,000 PPM.
I.P. Rating	IP40.
Operating Distance	Dependant upon sensor used.
Output	S.P.C.O Relay. 5A 240V ac maximum.
Output State	Output energised providing at least on input pulse is received within time period set on top plate of module. Output de-energises if no pulse received within time period.
Calibration	Adjustable potentiometer sets input delay. Output energises for set time period and ignores incoming pulse signal, allowing machinery to reach running speed.
Indication	LED indication of input pulses and output energised.
Input Device	nnp transistor or contact input. Any Synatel dc inductive proximity sensor is suitable.

Note: Standard input time delay is **1.5-15 seconds**. Other time periods available to order are: **0.3-3 seconds**, **3-30 seconds** or **6-60 seconds**.

### Connections

