



“PAVAN”

By **PRAVDHAN** SENSORS & CONTROLS PRIVATE LIMITED



Compliant Product



Certified Product

New Products

Hall Effect Linear Hand Throttle for 2/3 Wheelers

- With a hall effect sensor.
- Varied supply: +12 VDC or +5 VDC.
- Output variants: 0.5-4.5 VDC or 0-5 VDC



Small PCB Mount Hall Effect Current Sensor

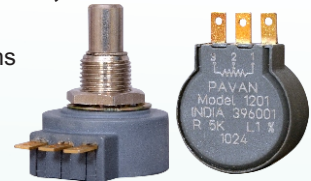


Aux. Supply: 5 VDC(+/-10%)
Current: 40-150 Amp.
Output: 2.5 +/-2 VDC Or 0.5 to 4.5 VDC
Frequency: Upto 5KHz
Sampling frequency: 16 KHz



1 Turn W.W. Potentiometer, Model 1201

Housing Diameter : 23 mm
Resistance Range : 100 to 10K ohms
Power Rating : 0.75 W @ 40 C
Linearity : 1 %
Life Expectancy : 2,50,000 Cycles



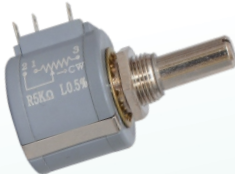
Ten Turn Servo Potentiometer



Shaft Diameter : 3 mm
Res. Range : 100 to 100K ohms
Power rating : 3 Watt
Diameter : 25 mm
Also in Radiation protected grade

Multi Turn Potentiometers

Model 2010



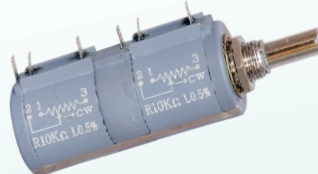
2 Watt, Ten Turn
100 to 100K Ω
23mm ϕ x 20 mm

Model 3010



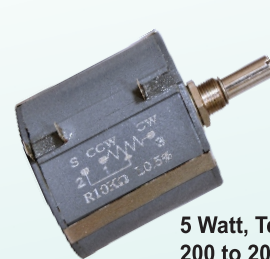
3 Watt, Ten Turn
100 to 100K Ω
23mm ϕ x 27 mm

Model 3010-D



3 Watt, Ten Turn Dual
100 to 100K Ω
23mm ϕ x 46 mm

Model 5010-P



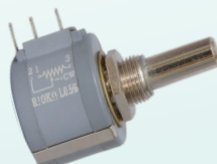
5 Watt, Ten Turn
200 to 200K Ω
46 mm ϕ x 46 mm

Model 1803



1 Watt, Three Turn
50 to 30K Ω
23mm ϕ x 14.5 mm

Model 2205



1.5 Watt, Five Turn
50 to 50K Ω
23mm ϕ x 18 mm

Now Tested for
1 Million
Rotational life cycles

Square Wire Wound Potentiometer
Modularly stackable
Resistance: 100 to 100K Ω
Power rating: 5W @ 40°C



Potentiometers can be manufactured with Slipping Clutch, Rear side extended Hollow Shaft, Center tap, Servo Mount &/or Customised Shaft design

Turns Indicating Dials



Model 23-D
23 mm ϕ , Locking



Model 38-D
38 mm ϕ , W/o Locking



Model 45-PD
Pear Shaped without locking

Joysticks

With or without Deadman / Rocker Switch



NASU-0709

Single or two axis
Res. 5K + 5K or 10K + 10K
with Coding switch

Hall's Effect



JS-05

Aux. Supply : 5 VDC - 10%
Output : 0.2 to 4.8 VDC or
0-5 VDC or 0.5 to 4.5 VDC

Switching Joy Sticks



One or Two Switches
One or Two Axis
On, Two or four way

Applications: Platform Lifts, Fork Lifts, Wheel Chairs, Overhead Cranes, Hydraulic Proportionate Valves

Motorised / Solid State Potentiometers

Motorised Potentiometers

MAP-103 Door Mounting



MAP-103WM Wall Mounting
Fixed Speed

Motorised Potentiometers

VSMP-10 Door Mounting



VSMP-10WM Wall Mounting
Variable Speed

Solid State Potentiometers

SSP-DO-RV-WM Wall Mounting



SSP-DO-RV Door Mounting

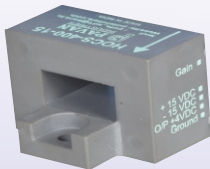
Digital Potentiometer

DP-120



Aux. Supply: 12 / 24 VDC/230 VAC,
Output : 0-10/0-5 VDC
0-20mAmp/4-20 mAmp

Current Sensors



HOCS-20..600

RMS Current :
20 to 600 Amp
Current Consumption :
+15 mA
Frequency Bandwidth (-3dB) :
DC - 50KHz



CSHAT-200..1500

RMS Current :
200 to 1500 Amp
Current Consumption :
+ 15 mA
Frequency Bandwidth (-3dB) :
DC - 25KHz



CSHAX-500..2500

RMS Current :
500 to 2500 Amp
Current Consumption :
+ 20 mA
Frequency Bandwidth (-3dB) :
DC - 25KHz



Split core High ampere

Current: 1500-10000 Amp.
Aux. Supply: +/-15 VDC, O/P: +/-4 VDC

Supply Voltage: + 5 or +/- 15 VDC.
Output Voltage: 0-5 VDC or -4 - +4 VDC.

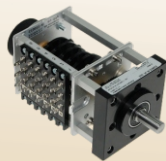
Accuracy of +/- 1% @ 25 °C
Linearity <0.5 % of I_{MAX}

Micronor Products (Swiss)

Manual Pulse
Generator
(Hand Wheel)



Motorised Geared
Limit Switches



Fiber Optic
Encoder



Fiber Optic
Linear Sensor

Atek (Turkey) Products



Non Contact Distance
measurement
Laser Sensor

Incremental
Encoders



Single Axis Angle
Tilt Sensor
Inclinometer



Combined Pressure
and temperature
Transmitter



Capacitive Level
Sensor

To Accomodate modern Technology and Materials, we reserve the rights to change
Electrical and Mechanical Specifications with out notice

Manufacturers and Exporters:

PRAVDHAN
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