

Features

- Measuring length 0 - 1200 mm

- 5 kOhm / 10 kOhm resistive type or 0-5V, 0-10V, 0-20mA, 4-20mA internal electronic circuit

RS PRO Motion Control Sensor

Draw Wire Potentiometer

Stock No..

100397, 100398, 100455, 100457, 100394,
100395, 100396

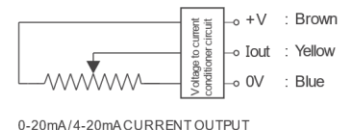
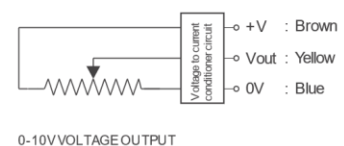
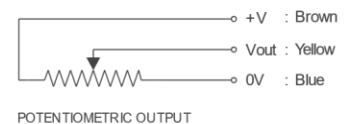
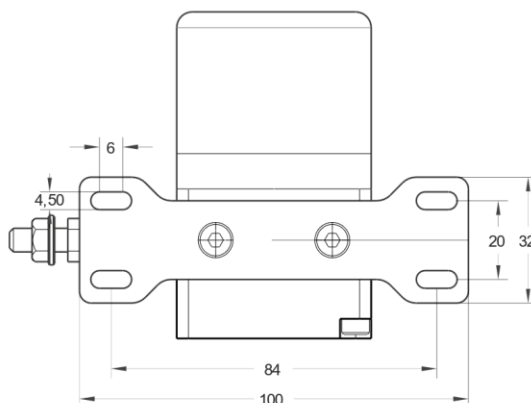
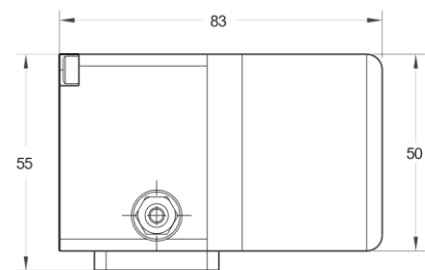
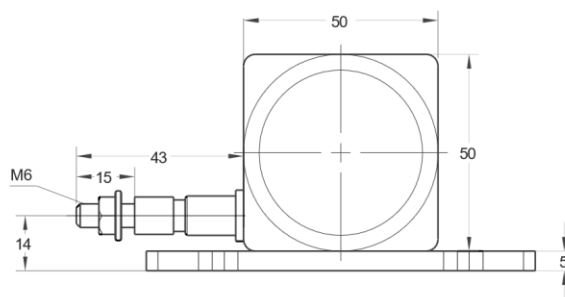


RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Series designed as compact, highly robust, accurate linear position sensors, using potentiometric technology, up to 1200 mm measuring length. Series linear position sensors provides absolute linear position feedback for wide range of industrial applications.

Mechanical Specifications



Model	Case type	Measurement stroke	Linearity	Output	Connector/cable	Cable output
DWPM	1	1200	A	5K	2M5	R
DWPM	1	0 - 1200 mm	A: 0,5%	5K : 5KΩ 10K : 10KΩ V5 : 0-5V V10 : 0-10V I20 : 0-20mA I4 : 4-20mA	2M5: 2.5 meter cable 5M: 5 meter cable 8M: 8 meter cable 10M: 10 meter cable	R: Radial A: Axial (optional)

General Specifications

Measurement range	0-1200 mm
Type of measurement	Resistive (voltage divider)
Linearity	0,5%
Output	Resistive output: 5 kOhm / 10 kOhm Analog output: 0-5V, 0-10V, 0-20mA or 4-20 mA
Power Supply	24 VDC max. 15-30V (voltage/current output)
Electrical connections	2.5 m cable (standard)
Displacement speed	2 m/s
Case material	Aluminium
Weight	< 350 gr
Protection level	IP 65
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

Approvals

Declarations	CE, UKCA, ROHS, REACH
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Articles In Series

RS PRO Part Number	MPN	Stroke length	Linearity	Output	Connector / Cable
	0100397	600mm	±0,5% FS	4..20mA	2,5 meter cable
	0100398	600mm	±0,5% FS	0..10V	2,5 meter cable
	0100455	1000mm	±0,5% FS	10kohm	2,5 meter cable
	0100457	1000mm	±0,5% FS	4..20mA	2,5 meter cable
	0100394	1000mm	±0,5% FS	0..10V	2,5 meter cable
	0100395	1250mm	±0,5% FS	4..20mA	2,5 meter cable
	0100396	1250mm	±0,5% FS	0..10V	2,5 meter cable