

Features

- Measuring length 4550 - 10000 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.. 0100403

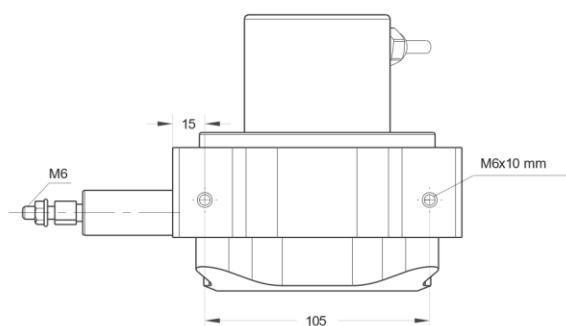
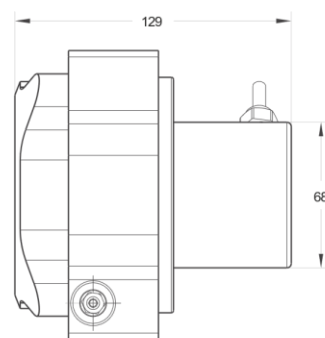
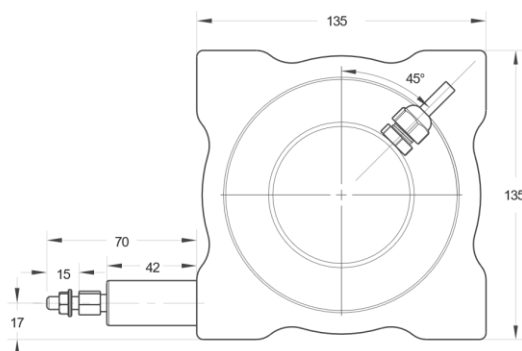


RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

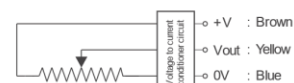
Product Description

Series designed as compact, highly robust, accurate linear position sensors, using potentiometric technology, up to 10000 mm measuring length. Series linear position sensors provides absolute linear position feedback for wide range of industrial applications.

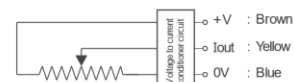
Mechanical Specifications



POTENTIOMETRIC OUTPUT



0-10V VOLTAGE OUTPUT



0-20mA/4-20mA CURRENT OUTPUT

Model	Case type	Measurement stroke	Linearity	Output	Connector/cable	Cable output
DWPM	3	4550	A	5K	2M5	R
DWPM	3	4550 - 10000 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	4550-10000 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	< 2100 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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Article

RS PRO Part Number	MPN	Stroke length	Linearity	Output	Connector / Cable
	0100403	6000mm	±0,5% FS	4..20mA	2,5 meter cable