

RSM – RESISTIVE SENSOR MODULE



Features

- 3 input channels (simultaneous readout)
- Suitable for all products with the -RLS option
- Sensor position values also available as analog voltage
- Status LEDs on front panel
- Fits in Base Cabinet (CAB)
- Ambient connector kit available for 15p D-Sub male feedthrough

Description / Applications

The Resistive Sensor Module (RSM) has 3 inputs for Resistive Linear Sensors (-RLS option). Simultaneous readout of sensor inputs can be done via Basedrive or Servodrive control. For Flexdrive applications, the sensor position is also available to an external DAQ system by means of a standard analog output voltage. The module needs to be installed in the Base Cabinet (CAB).

Specifications

General info	
Compatible with	Resistive Linear Sensors (-RLS) and Resistive Rotational Sensors (-RRS)
Power supply via	CAB
Dimensions	3U / 14HP
Weight	750 g
Input	
Input channels	3
Sensor readout resolution	24 bit
Dynamic range	250.000
Input excitation voltage	-2.5 V ... + 2.5V (5V differential)
Connector	HDMI type
Output	
Number of outputs	3
Signal	Analog, -5 V ... + 5V
Connector	BNC
Control	
Modes of operation	Basedrive, Servodrive or Flexdrive (<i>all via CAB interface</i>)

Ordering Information

Available models	
RSM	Resistive Sensor Module
Available Options	
None	
Accessories	
I1-RSM	Ambient Connector Kit for RSM to 15 pins D-sub feedthrough
Mechanical and electrical information	
Download 3D step files and manuals from: https://www.jpe-innovations.com/cryo-nano-products/	
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For quotations, specials, or engineering services, please contact us at: https://www.jpe-innovations.com/contact/	