

# RESISTIVE SENSOR MODULE (RSM)



## 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 Cryo Actuator Base Cabinet (CAB)
- Standard ambient connector kit available for 15p D-Sub 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 Cryo Actuator Base Cabinet (CAB).

## Specifications

specs	unit	RSM
Input channels	-	3
Compatible with	-	RLS
Sensor readout resolution	bit	24
Dynamic range	-	250.000
Input excitation voltage	V	-2.5 and 2.5 (5 differential)
Input connector	-	HDMI type
Output channels	-	3
Output signal	V	Analog, -5 to +5
Output connector	-	BNC
Power supply via	-	CAB-115 or CAB-230
Mass	grams	750
Dimensions	-	3U/14HP

## Mechanical and electrical information

Download 3D-Step files, interface drawings and user manuals from:  
<https://www.jpe-innovations.com/cryo-nano-products/>

## Contact

For quotations, orders, customization or specials, please contact us at:  
<https://www.jpe-innovations.com/contact/>

## Ordering Information

RSM

Resistive Sensor Module

I1-RSM

Ambient Connector Kit for RSM