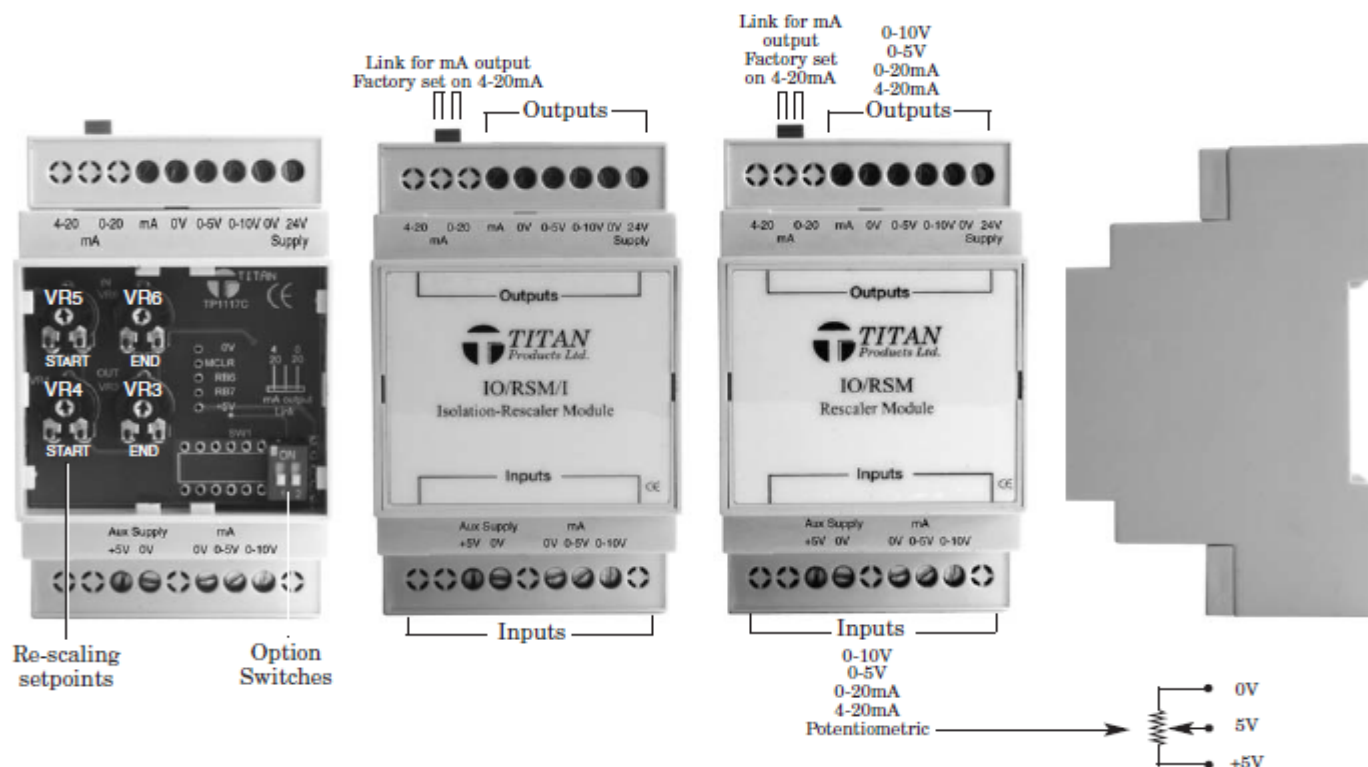


RSM & RSM/I Re-Scaler Module (with Signal Conversion)



DESCRIPTION

The IO/RSM module is designed to rescale and convert analogue control signals. The module is capable of accepting inputs of 0 to 5V, 0-10V, 0 to 20mA, 4 to 20mA or a 3 wire potentiometer with a minimum value of 100 ohms.

Four analogue outputs are provided for 0 to 5V, 0 to 10V and a dual function current output to provide 4 to 20mA or 0 to 20mA the latter selected by a link adjacent to the output terminals.

The Input to Output re-scaling is provided by means of 4 setting potentiometers that define the start and end values (the range) of the Input and Output signals.

Set-up switches are incorporated which allow the pots to be individually set over the required range.

The module can be supplied with galvanic signal isolation if required

FEATURES

- * 24V AC/DC Supply
- * Signal Re - Scaler
- * Signal Inversion
- * Signal Conversion
- * Galvanic Isolation (optional)
- * Multiple Input signal options
- * Multiple Output signal options
- * Din Rail Mounting

SPECIFICATION

Supply	24V AC or DC
Input Signal	0-5V, 0-10V, 0-20mA 1-5V, 2-10V, 4-20mA 3 wire potentiometric 100 ohms min
Output Signals	0-5V, 0-10V (rated at 10mA max) 0-20mA or 4-20mA
Power Consumption	IO/RSM = 18mA plus output load IO/RSM/I = 102mA plus output load
Galvanic Isolation	1KV (IO/RSM/I only)
Max operation voltage	60V
Operating Temperature	0-50°C
Size	90mm high x 55mm wide x 58mm deep
Mounting	DIN rail
Order Code	IO/RSM (non-isolated) IO/RSM/I (galvanic isolated)