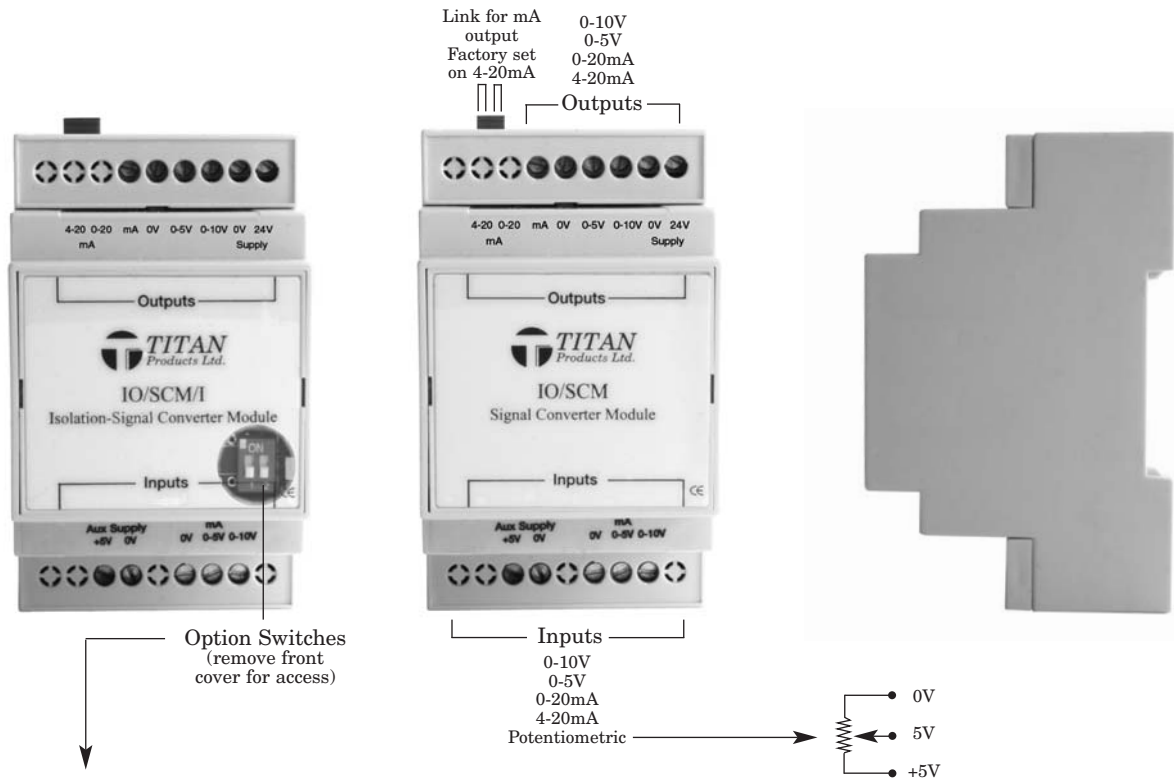


IO/SCM & SCM/I Signal Converter Module



Input Option Switches

SW	OFF	ON
1	Input range (0-5V, 0-10V or 0-20mA)	Input range (1-5V, 2-10V or 4-20mA)
2	Voltage Input Signal	Current (mA) Input Signal

DESCRIPTION

The module housed in a DIN rail enclosure and is capable of accepting inputs of 0 to 5V, 0-10V, 0 to 20mA, 4 to 20mA, a 3 wire potentiometer with a minimum value of 100 ohms or an option for a millivolt input can be supplied on request

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.

Set-up switches are available under the front cover to select the input signal type.

The module can be supplied with galvanic signal isolation if required (Part code SCM/I)

FEATURES

- * 24V AC or DC Supply
- * Signal Converter
- * Multiple Input signals
- * Multiple Output signals
- * Galvanic Isolation (optional)
- * Din Rail Mounting

SPECIFICATION

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



Measurement Devices for Control Systems

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