



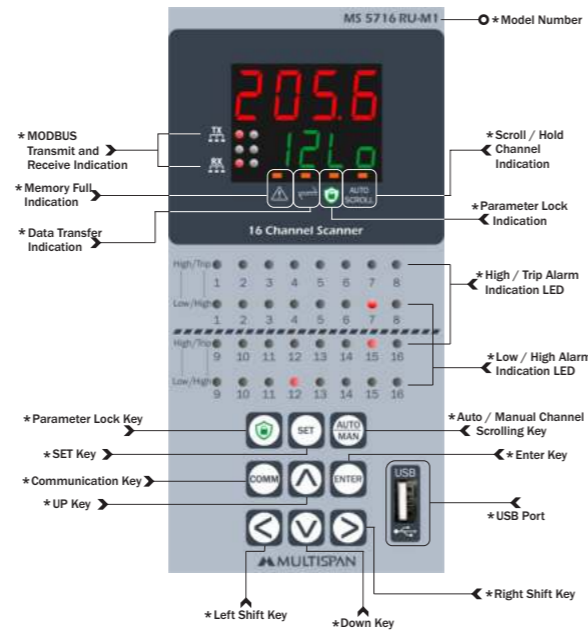
Multispan Control Instruments Pvt Ltd

72/B, Phase 1, GIDC Estate, Vatva, Ahmedabad-382445, Gujarat, India.

service@multispanindia.com +91-9978991483

www.multispanindia.com

Product Inception



Technical Specification

INPUT:		
Input Types	Input	Range
	J	0 To 600 °C
	K	0 To 1200 °C
	PT-100	-99 To 400 °C
Analog Input	PT.1	-99.0 To 400.0 °C
	0 To 10V DC 0 To 20mA DC 4 To 20mA DC	-999 To 9999

DISPLAY & LED:	
Display	Upper: 4 Digit, 7 seg, 0.70", RED LED Display Lower: 4 Digit, 7 seg, 0.50", GREEN LED Display

DIMENSION:

Size	192 (H) x 96 (W) x 140 (D) mm
Panel Cutout	188 (H) x 92 (W) mm

OUTPUT SPECIFICATION:

Output Type	8 Relay, (NO-C) 1C/O 5A@230V AC, USB Data Logger Facility, RS-485 RTU MODBUS
-------------	--

AUXILIARY SUPPLY:

Supply voltage	100V To 270V AC, 50/60 Hz,
Power consumption (VA RATING)	Approximately 10VA

ENVIRONMENT CONDITION:

Operating Temp.	0 °C to 55 °C
Relative Humidity	UP to 95% RH (non-condensing)

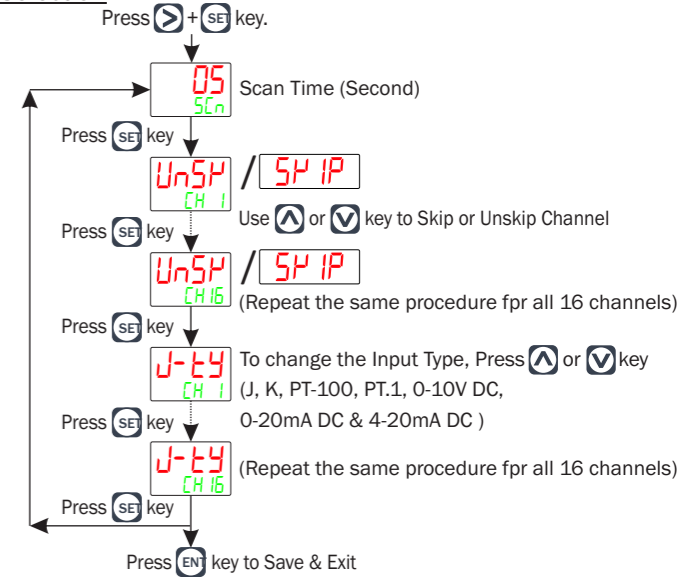
Procedure

- Do all connections as per the wiring diagram.
To Configure: 1. Input Selection (J, K, PT-100, PT.1, 0 - 10V DC, 0 - 20mA DC & 4 - 20mA DC).
2. Analog range selection.
3. Offset and Correction factor selection.
4. Communications parameter.
- Do all connections as per the wiring diagram.
To Configure: 1. Input Selection (J, K, PT-100, PT.1, 0 - 10V DC, 0 - 20mA DC & 4 - 20mA DC).
2. Relay mode
If 1 Relay per group If 2 Relay per group
LOW LOW / HIGH
HIGH HIGH / TRIP
HIGH / LOW
3. Set point selection.
4. Analog range selection.
5. Offset and Correction factor selection.
6. Communications parameter.
- To add offset & correction factor, press Δ + ∇ keys together.
Set offset for each channel if required.
Off set range will be ± 25.0 °C for J, K, PT-100 temperature input.
Off set range will be ± 25.0 °C for PT.1 temperature input.

- Offset range will be -999 to 1000 for analog input.
- Correction factor range will be -999 to 1000 only for analog input.
- Press Δ key for continuous scrolling or manual scrolling.
- In Hold mode use Δ & ∇ key to select next channel.
- If Δ key is pressed then, user will only be able to view all the parameters values, but would not be able to change any of the parameters.
- If ∇ key is pressed then, display shows the TIME until key is pressed.
- If Δ key is pressed then, display shows the Date until key is pressed.
- Press Δ key to see data record of USB.

Note :- Values can be changed by pressing Δ or ∇ keys.

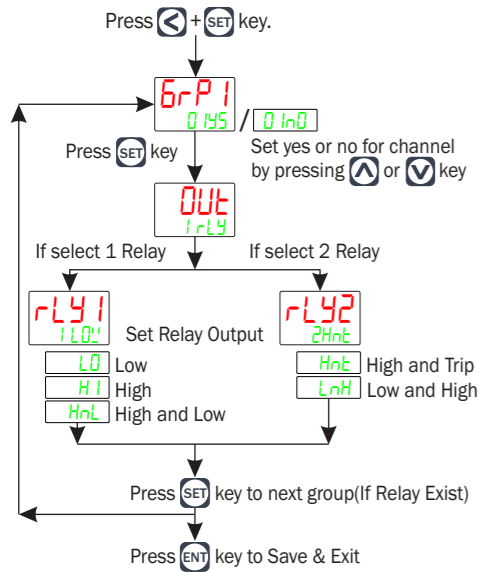
Parameters Input Selection



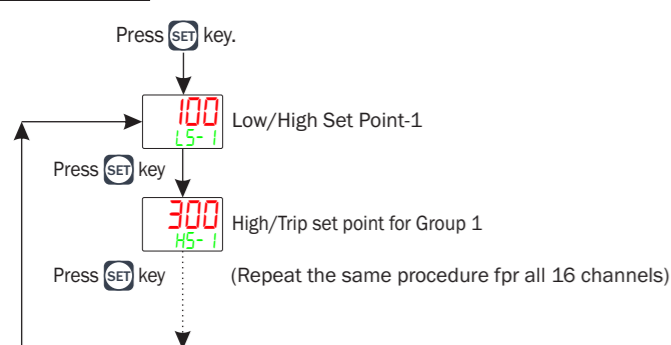
Parameters

Note :- Values can be changed by pressing Δ or ∇ keys.

Input Selection

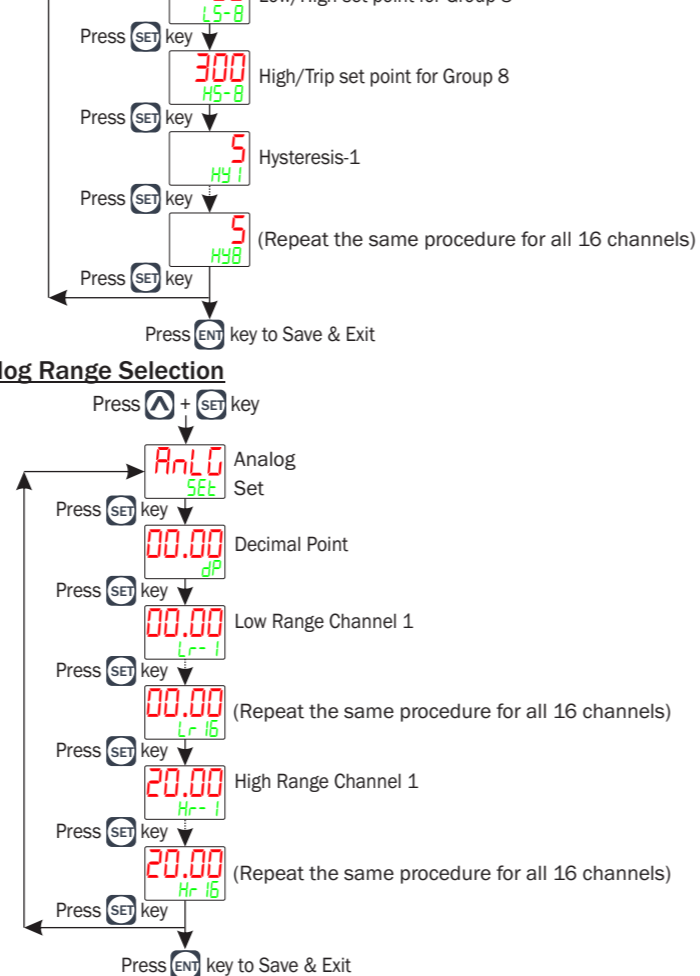


Set Point Selection



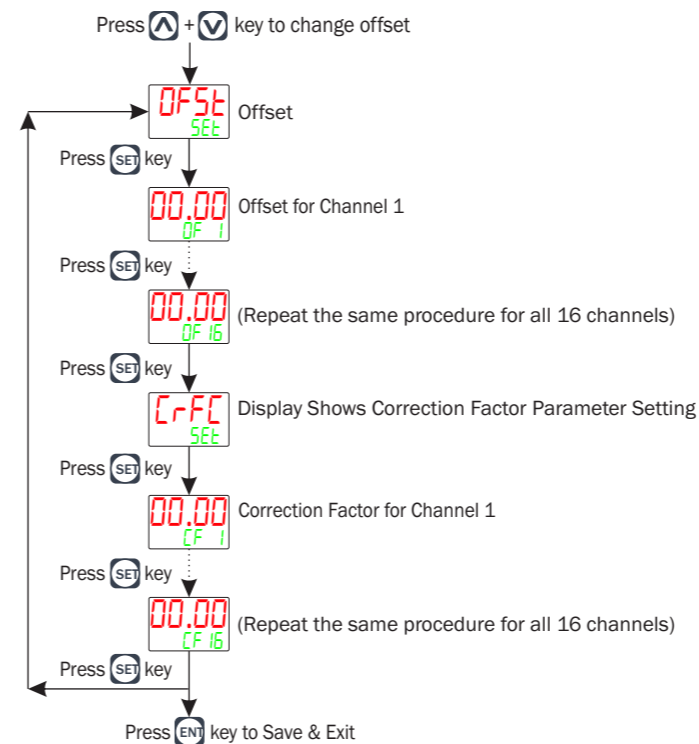
Note :- Values can be changed by pressing Δ or ∇ keys.

Analog Range Selection



Note :- Values can be changed by pressing Δ or ∇ keys.

Offset and Correction Factor Selection



Note :- Values can be changed by pressing Δ or ∇ keys.

Communication Parameter

