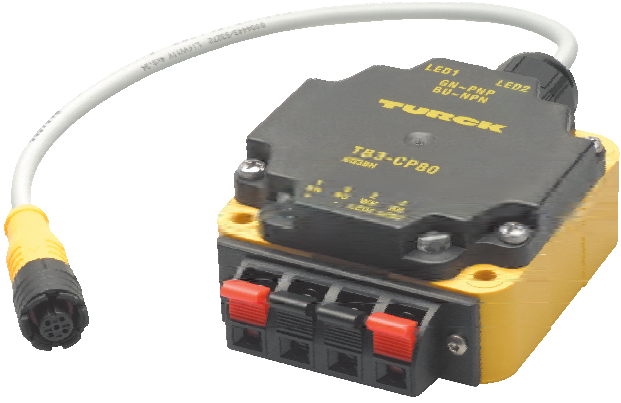



Part Number	ID Number	Description
TB3-CP80	M6967112	DC powered test box allows you to quickly test DC sensors.



Part Number	Pin#	Terminal Function
	1	(+) 18 VDC Sensor Supply
	2	(+) Current Input
	3	(+) Voltage Input
	4	(-) 0 V Sensor Common
	5	(-) Common for 0/4 mA Minimum Selection
	9	Input for 0/4 mA Minimum Selection
	12	Relay Output 1
	13	Relay Output 1
	14	Relay Output 2
	15	Relay Output 2
	11	SRi - 0/4-20 mA Output
	16	SRi - 0/4-20 mA Output
	17	Relay Output 3
	18	Relay Output 2
	19	20-250 VUC Supply Power
	20	20-250 VUC Supply Power

Functional Description:

The limit value monitors IM43-13-SR and IM43-14-SRi are single-channel devices and alternately monitor measuring current of 0/4-20 mA or measuring voltages of 0/2-10 V. The three limit values are set via the front panel teach button. In addition, a voltage of approx.

18 V (at 35 mA max.) is provided, which can be used to power transmitters or sensors. The output mode is jumper programmable at terminals 5-8.

IM43-13-SR / IM43-14-SRi



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Features:

- 1-channel limit value monitor with removable terminal blocks
- Input either via current input 0/4-20 mA or voltage input 0/2-10 V
- Supply of a 2-wire or 3-wire transmitter/sensor
- Limit value adjustment via teach button
- Three relay outputs, each with one normally open output
- Current output of 0/4-20 mA. (IM43-14-SRi only)
- Universal operating voltage (20-250 VUC)

Electrical Parameters:

Inputs: Hazardous Area

Supply Voltage - Universal Input

Input Resistance < 50 Ω

Operating Characteristics:

Voltage 0/2-10 VDC

Current 0/4-20 mA

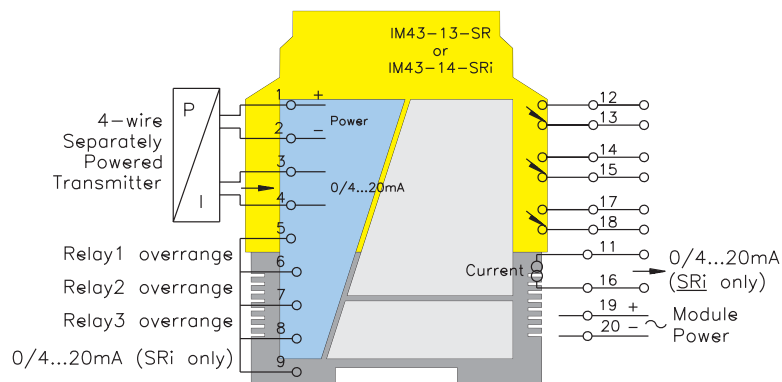
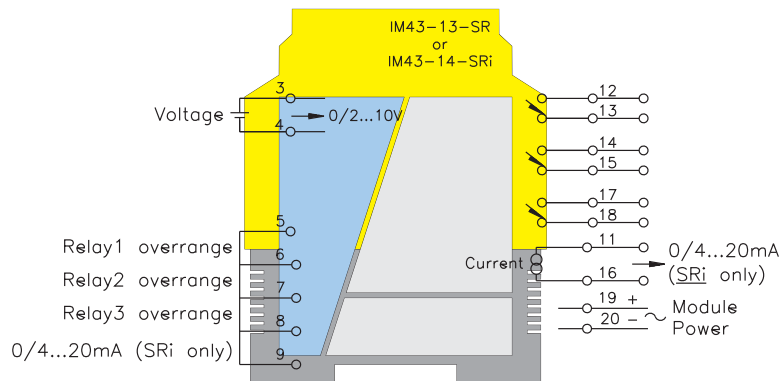
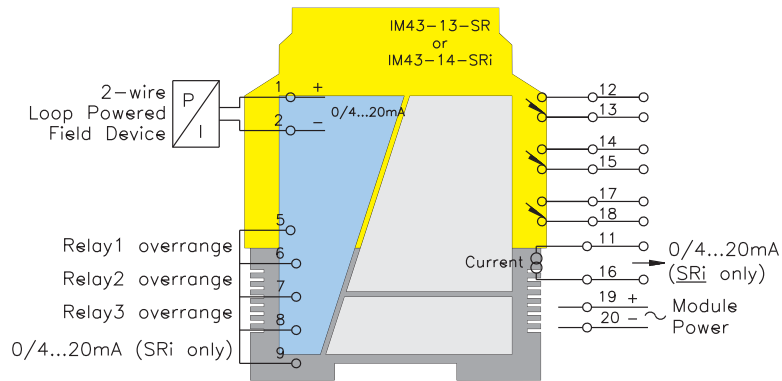
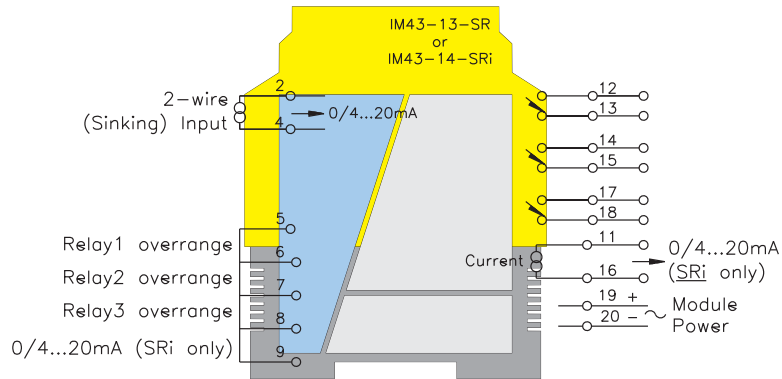
Outputs: Non-Hazardous Area

Relay Outputs 3 normally open contacts

Current Output (SRi Version) 0/4-20 mA

For entity parameters see control drawings.

IM43-13-SR / IM43-14-SRi



R16 LEVEL