



TV-LI µA

Terminal

Plug-screw Terminal
8 pin, max. 2,5 qmm

Adjust gain slope
Adjust zero
LED red output value

1: Output 1 + 10V
2: Output - (GND)
3: Output 2 + 20mA

4: Input + ..current
5: Input - ..current

6: Output +22V
supply for ext. transmitter
7-8: supply 24V AC/DC

LED green power supply

Technical Data

Input, pin 4-5	0-...µA DC as specified
Input resistance	... Ohm (depending on input)
Output pin 6	+22V DC, max. 30mA
Output 1, pin 1-2	0-10V (2-10V)DC
Output current	max. 0-20mA
Output 2, pin 3-2	0-10V (2-10V) DC
Output load resistor	max. 800 Ohm
Precision	0,2%
Power supply	24V AC/DC, +-15%
Power current	max. 70mA
Isolation in-out-supply	500 Vss
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount., TS35, EN50022
Weight	110g
Dimensions	24 x 72 x 94 mm (WxHxD)

Isolation amplifier, three port isolation, input, output and supply. Input: ... µA DC, output nominal voltage and current. Offset-correction = parallel shifting of the output curve, gain-correction = slope of the output curve, see sheet AN B100. Order the input and output value for the calibration: input ...µA, output 0-10V / 0-20mA or 2-10V / 4-20mA. LED green = power supply, LED red = output value.

RINCK ELECTRONIC GMBH

Kleekamp 6
D-27356 Rotenburg (Wümme)
www.rinck-electronic.de
info@rinck-electronic.de

ISOLATION AMPLIFIER TV-LI

Input	0-1mA, 0-100µA or to custom order	
Output 1	0-10V or 2-10V DC	"
Output 2	0-20mA or 4-20mA DC	"
Power supply	24 V AC/DC	

B 203

E_TV-LI

05.09.14