

LTV-1

230 VAC potentiometer, LED indication



The LTV-1-010-NA potentiometer is mounted in a splash-proof enclosure. It is suitable for both inset (IP44) and surface mounting (IP54). The potentiometer needs a 230 VAC / 50–60 Hz supply and has a green LED operating indication. It provides a stepless output signal from 0–10 VDC which makes it suitable to control fans equipped with EC motor or to be used as an input device for controllers that require a 0–10 VDC control signal.

Key features

- Infinitely variable control of the output voltage
- Green LED operating indication
- A splash waterproof enclosure
- Inset or surface mounting

Technical specifications

Supply	230 VAC $\pm 10\%$ / 50–60 Hz	
Output	0–10 VDC	
Load	min. 1 k Ω	
Consumption	max. 10 mA	
Protection standard	IP44 / IP54 (according to EN 60529)	
Ambient conditions	Temperature	0–50 °C
	Rel. humidity	< 90 % rH (non-condensing)



Wiring and connections

L	Power supply (230 VAC $\pm 10\%$ / 50–60 Hz)
N	Neutral
Ao	Output voltage (0–10 VDC)
GND	Ground
Connections	Cable cross section: max. 2,5 mm ²



Area of use

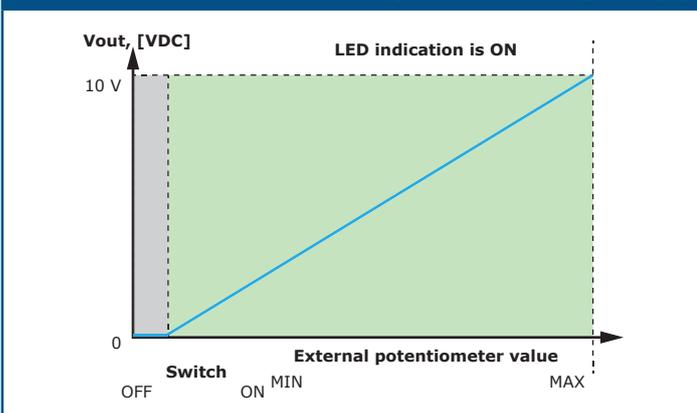
- A variety of applications where a 0–10 VDC control signal is required

Standards

- Low Voltage Directive 2014/35/EC
- EMC Directive 2014/30/EC
- WEEE Directive 2012/19/EU
- RoHS Directive 2011/65/EU



Operational diagram(s)

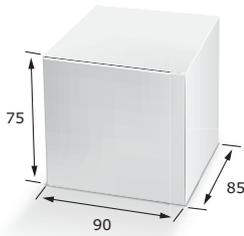




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Packaging



Article	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight	Gross weight
LTV-1-010-NA	Unit (1 pc.)	95	85	70	0,17 kg	0,19 kg
	Carton (10 pcs.)	485	175	77	1,69 kg	2,09 kg
	Box (60 pcs.)	590	380	280	10,1 kg	13,15 kg

Fixing and dimensions

