



TRL-K

Terminal

Plug-screw terminal
8 pin, max. 2,5 mm²
Poti: Gain
Poti: Cycle duration

LED output

1-2: Output N.O. contact
(Photo-Mos-Relays)
3: /
4: Input +
5: Input -, (G0/GND)
5-6: control voltage for adjust
cycle duration: 0-5V=0,02-5 sec.
7-8: power supply 24V
LED: supply

Technical Data

Input voltage	0 – 10V DC (1M, max.40V)
Input current (option)	0-20mA (Rin 250 Ohm)
Input gain range	6-10V or 12-20mA (=100%)
Period of oscillation	0,02-5 seconds
Pulse length modulation	0 – 100%
In <4% = OUT 0%	IN >96% = OUT 100%
Output, pin 1-2 Output	N.O. Photo-Mos-Relays max. 60V, max.3A
Power supply	24V AC/DC +-15%max.40mA
Power current	max. 40mA
Isolation IN/OUT	2,5kV
Isolation IN/POWER	500 Vss
Precision	+5%
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	100g
Dimensions	24 x 72 x 94 mm (WxHxD)

The TRL-K converts the input normal signal to pulse length modulation with relays contact output (PhotoMosRelays). The input range (gain) and the output cycle duration can be adjusted with two potis. Isolation between input, output and power supply.

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DRIVER FOR PWM CONTROL TRL-K

Input	0 – 10V DC (0-20mA) order input
Output	24V DC PWM-Signal,
Power supply	24 V AC/DC

B 643

E_TRL-K

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