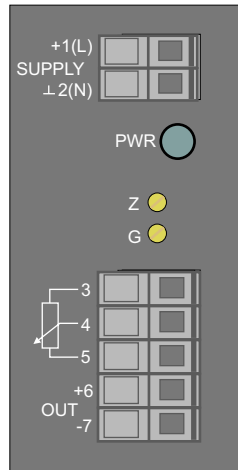


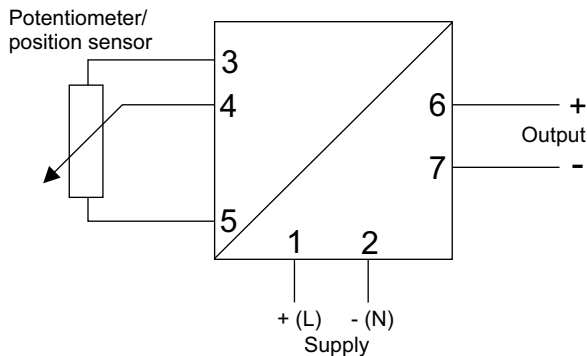
Signal transducer for potentiometer

Characteristics



- Input: potentiometer 0...400 ohms up to 0...100 kohms
- Analog output 4...20 mA
- Optional output 0...10 V
- Supply voltage 24 VDC +/-20%
- Optional supply 12 VDC, 230 VAC or 115 VAC
- Zero drift < 0,2% / 10 K
- Gain drift < 0,1% / 10 K
- Easy mounting with top hat rail case
- Degree of protection IP 20
- Adjustment of zero and gain
- Low-cost model

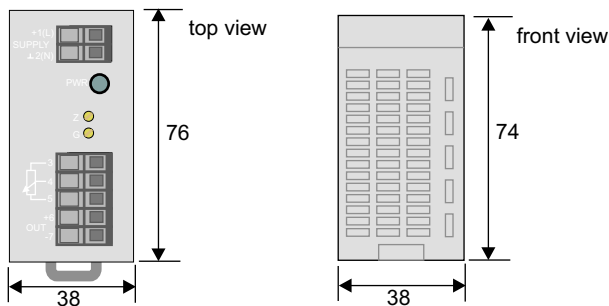
Connection



Configuration of terminals

terminal	12 VDC	24 VDC	230 VAC	115 VAC				
1	+12 V	+ 24 V	L	L				
2	0V	0 V	N	N				
3	position sensor beginning							
4					position sensor tap			
5								
6	+ (0...10 V)	+ (4...20 mA, 0...10 V)						
7	- (0...10 V)	- (4...20 mA, 0...10 V)						

Dimension, note



Note:

When it's because of the technical conditions not possible to use the whole length of the position sensor, it is possible to fit the output signal with a shifting of the zero point and a changing of gain.

- Z= adjustment zero
- G= adjustment gain

Applications

The signal transducer is suitable as an interface adaption between potentiometer (position sensor) and control units. The standard output signal of the transducer can be processed, eg with a SPS



