

## WP054900

### MONITORS • POSITION MONITORS

The monitoring of rotation speed or rotating movements is necessary in many applications to ensure the proper operation of the plant. Our rotation- and zero speed monitors operate according to different operating principles: 1. Monitoring of pulses of a transducer via a current transformer, 2. Frequency measurement of the phase current. Our devices feature, depending on the type, a wide variety of functions. For a further evaluation in a higher-level control, the results are i.e. outputted as easy relay contact (over-/underspeed) or as analog output signal resolved to the set rotation speed range.



#### MECHANICAL DATA

Ambient temperature (MAX)	45 °C
Degree of protection (IP)	IP65
Height	48 mm
Housing material	Plastic
Installation depth	131.5 mm
Length	141 mm
Storage temperature	70 °C
Storage temperature	-25 °C
Width	96 mm

#### ELECTRICAL DATA

1. output voltage at DC	5 V ... 35 V
2. output voltage at DC	5 V ... 35 V
Display	LED
Display range	999999
Display range	-199999
Max. output current 1	0.15 A
Number of decades	6
Number of presets to be set	2
Number of switching outputs	2
Operating voltage	24 V ... 230 V
Pulse counter	Yes
Rated control supply voltage Us at AC 50HZ	115 V ... 230 V
Rated control supply voltage Us at DC	24 V ... 24 V
Type of 2nd switching output	PNP
Type of electrical connection	Screw connection
Type of signal input A	PNP/NPN
Type of signal input B	PNP/NPN
Type of switching output	PNP

**OTHER DATA**

Number of characters

6

**DIMENSIONAL DRAWING****INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

**DISPOSAL****SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!