



ANGLE SENSOR

RCS K 37

"Non-Contact Measurement, Connection With Sleeve, Analog Output, IP67 Protection"



- Non-contact magnetic measurement
- 12 bit resolution
- User-selectable angle values between 0-360 °
- 4-20 mA, 0-5VDC, 0-10 VDC or 0.5-4.5 VDC ratiometric output options
- Long service life
- Connection with sleeve
- IP67 protection class

The RCS K 37 series sensors are used for taking angle measurement between The measuring limits can be adjusted between 0-360 ° depending on the user request. They have 0-5V, 0-10V, 4-20mA or ratiometric output options.

RCS RCS K 37 angle sensors with high accuracy, compact design and robust construction; offers suitable solutions for angle measurement in industrial areas like crane and lifting systems, robotic systems, solar energy, wind power plants, auto parts etc.

SAMPLE APPLICATION FIELDS

Automated guided systems

Crane and lifting technology

Wind power plant

- Robotic systems
- Auto parts
- Solar and photovoltaic systems







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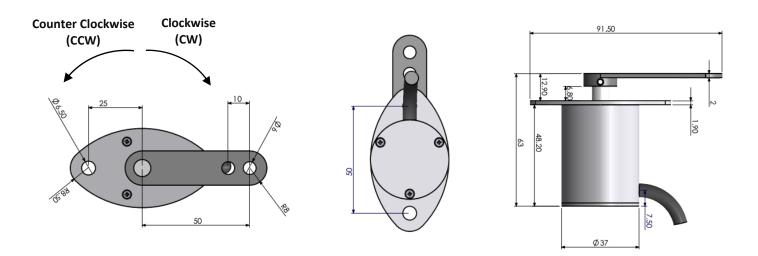
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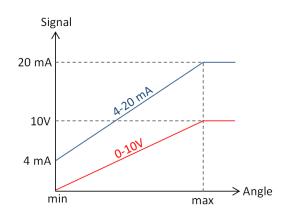
TECHNICAL SPECIFICATIONS						
Measuring Range	Can be produced in the desired range from 0 to 360 °					
Measuring Type	Magnetic, non-contact					
Linearity	±%0.3 FS					
Resolution	12 bit					
Repeatability	0.1°					
Response Frequency	250 Hz					
Output Signal		0,54,5VDC Ratiometric	05VDC	010VDC	420 mA	
	Supply	5 VDC	5 VDC or 1532VDC	1532 VDC	932 VDC	
	Load	≥1KΩ	≥ 1KΩ	≥ 1KΩ	0250 Ω	
Current Consumption	30 mA max.					
Reverse Polarity Protection	Yes, only supply					
Electrical Connection	3 x 0,14 mm ² shielded cable					
Max Operational Speed	3000 rpm					
Protection Class	IP67					
Operating Temperature	-25°C +85°C					
Weight	~150 gr					
Material	Body: Aluminum					
Widteridi	Shaft: Stainless Steel					

MECHANICAL DIMENSIONS (mm)



ELECTRICAL CONNECTION

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SIGNAL	CABLE COLOR	
+V	Red	
0V	Black	
Output Signal	Yellow	



ORDER CODE

