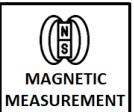
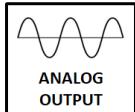




GENERAL FEATURES

- Non-contact 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
- 10 mm shaft diameter
- IP67 protection class
- Long service life
- Compact design
- High accuracy
- Completely stainless steel body



RCS 9200 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 9200 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.

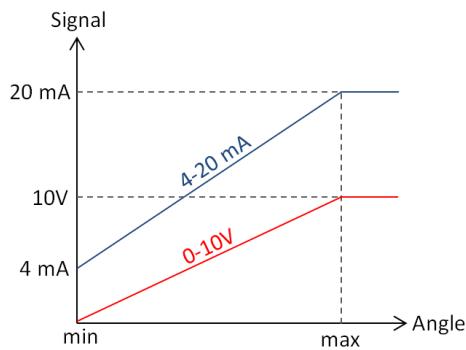
TECHNICAL SPECIFICATIONS

*Measuring Range	Can be produced in the desired range from 0 to 360 °			
Measuring Type	Magnetic, non-contact			
Linearity	±0.5 FS			
Resolution	12 bit			
Repeatability	0.1°			
Response Frequency	250 Hz			
*Output Signal		0,5...4,5VDC Ratiometric	0...5VDC	0...10VDC
	Supply Voltage	5 VDC	5 VDC or 9...32VDC	15...32 VDC
Material	Load	≥ 1KΩ	≥ 1KΩ	0...250 Ω
	Body: Stainless Steel	Shaft: Stainless Steel		
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			
Body Diameter	68 mm			
Shaft Diameter	10 mm			

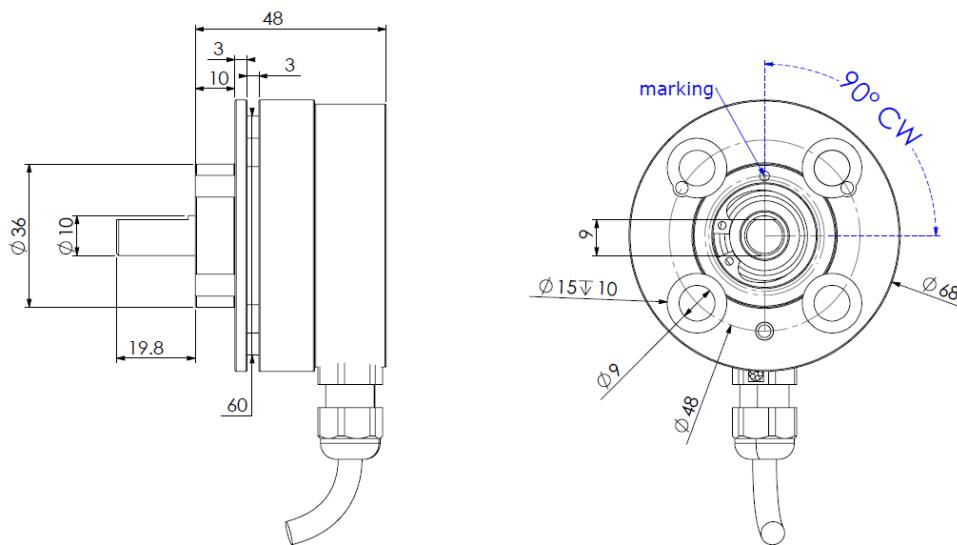
Note: The specifications specified by (*) vary depending on the model selected. The detailed code table for product selection is shown on page 3.

ELECTRICAL CONNECTION

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

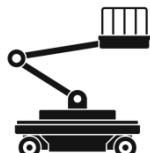


MECHANICAL DIMENSIONS (mm)

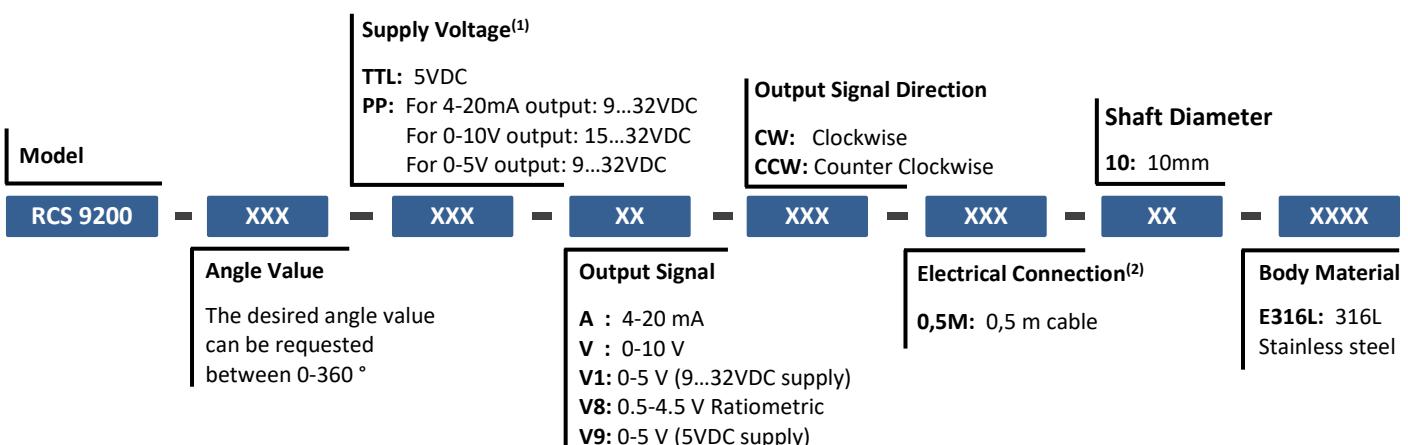


SAMPLE APPLICATION FIELDS

- Robotic systems
- Auto parts
- Solar and photovoltaic systems
- Automated guided systems
- Crane and lifting technology
- Wind power plant



ORDER CODE



(1) When the output signal is selected as 4-20 mA (A), 0-10V (V) or 0-5V (V1), the supply voltage must be PP
When the output signal is selected as 0.5-4.5V Ratiometric (V8) or 0-5V (V9), the supply voltage must be TTL.
(2) Optionally, different cable lengths can be requested.

Sample Code: RCS 9200-090-PP-V-CW-0,5M-10-E316L

RCS 9200 series, 0-75° measuring range, PP supply, 0-10V output, output signal direction is clockwise, 0.5 m cable, 10 mm shaft diameter, 316L stainless steel body

Atek Elektronik Sensör Teknolojileri Sanayi ve Ticaret A.Ş.



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