



GENERAL FEATURES

- Suitable for measuring the length and speed of the target moving with its wheeled structure
- Output waveform according to measurement distance, suitable for international measurement units
- Spring system to compensate for uneven parts of the measuring surface
- Wide variety of mounting possibilities thanks to the spring lever
- 250 mm wheel circumference
- 3000 RPM operating speed
- 300 kHz response frequency
- High accuracy
- Robust structure, long service life
- Easy mounting

APPLICATIONS

- Measuring position, velocity and path in linear motion applications
- Various packing machines
- Sheet manufacturing
- Textile machinery and general industrial machinery
- Conveyor bands
- Wood industry

TECHNICAL FEATURES

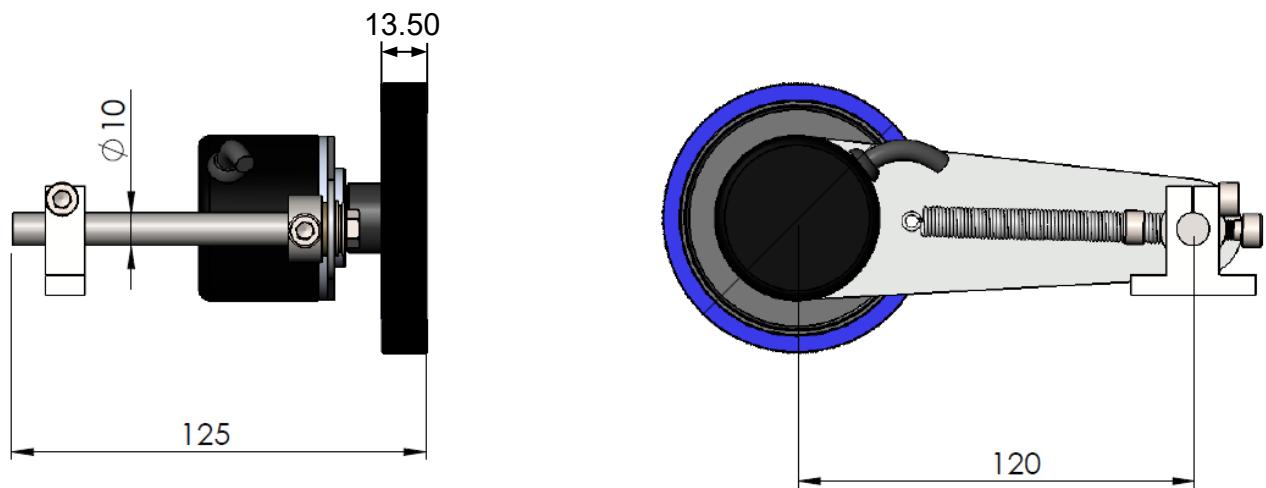
Electrical Specifications

Resolution	Refer to resolution table (page 2)					
*Electrical Interface	Supply		TTL	HTL	HPL	
	Output		5 VDC TTL	5 VDC TTL	5...30 VDC PP	
*Output Signals						
Response Frequency						
Current Consumption						
Output Current						
*Electrical Connection						

Mechanical Specifications

Wheel Circumference	250 mm	
Wheel Diameter	79,6 mm	
Starting Torque	Defend on coefficient of friction	
Operating Speed	3000 RPM max.	
Operating Temp.	-25...+85 °C	
Storage Temp.	-40...+100 °C	
Ambient Humidity	%35...%85 RH	
Material	Encoder: Aluminum	
	Wheel: NBR (outer part) + POM (body)	
Protection Class	IP54	

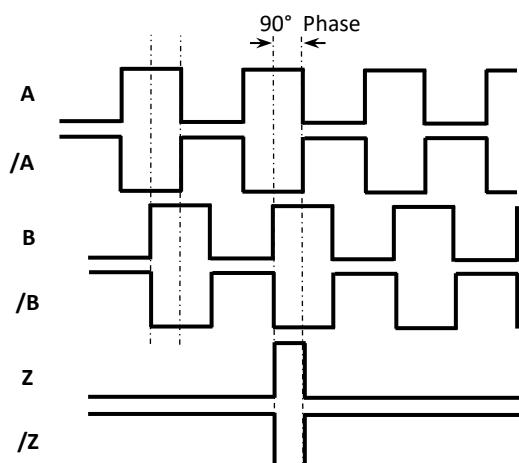
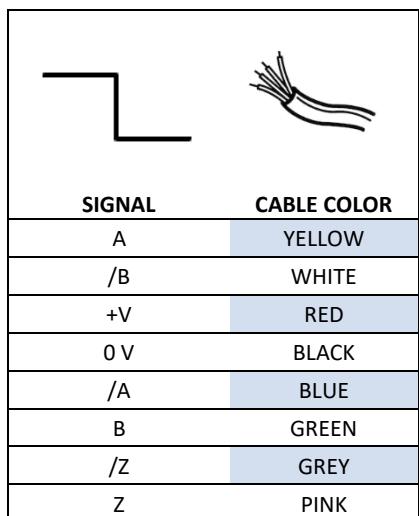
MECHANICAL DIMENSIONS (mm)



RESOLUTION

The Number of Encoder Pulse	Gear Ratio	Wheel Circumference	Resolution (Moving distance per 1 pulse)
2500 pulse	1:1	250mm	0,1mm/pulse
250 pulse	1:1	250mm	1mm/pulse
25 pulse	1:1	250mm	10mm/pulse

ELECTRICAL CONNECTIONS



The table above shows the cable colors of the sensor output signals. If the control circuit is suitable in the Line Driver sensors of the not output signals (/A, /B, /Z) have to be added to the system. If it is not suitable /A, /B, /Z signal cables must be fixed as insulated separately. Don't forget that these edges have electricity too.

ORDER CODE

