## Hall Effect Speed/Proximity Sensor

Non-contact Hall effect sensor designed for speed or proximity measurements on critical turbomachinery applications such as steam, gas and hydro turbines, compressors, pumps, and fans.

1 μs

High >10 V / Low <1V

1.5 mm (Module ≥2)

12 kHz (720,000 cpm)

Magnetic Soft Iron or Steel

1 mm (Module 1)

Material ST37

1 AC Cycle Per Revolution/Gear Tooth

Spur Wheel, Involute Gearing Module 1

## Dynamic Performance Output Rise/Fall Time Output Voltage (12 VDC at 100 Kload) Air Gap

Maximum Operating Frequency

Trigger Mark Limited to

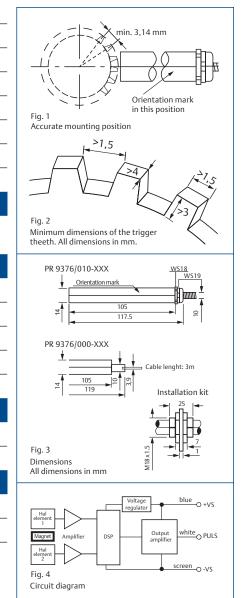
Target	

Target/Surface Material

	(Non Stainless Steel)					
Environmental						
Reference Temperature	25°C (77°F)					
Operating Temperature Range	-30 to 100°C (-22 to 212°F)					
Temperature Excursions <30 seconds	120°C (248°F)					
Storage Temperature	-40 to 100°C (-40 to 212°F)					
Sealing Rating	IP66					
Power & Electrical						

Power	10 to 30 VDC at 25 mA max.
Resistance	400 ohms Maximum
Physical	
Material	Sensor - Stainless Steel; Cable – PTFE
Weight (Sensor Only)	210 grams (7.4 oz)







Cable Order Matrix		PR9376	x	x	x	-	x	x	х
Sleeve Thread	NONE		0						
Armored Cable	WITH WITHOUT			1 0					
Total Sensor Length	124 mm				0				
Cable Termination	WITHOUT						0		
Total Cable Length	0 (3 m), 1 (5 m), 2 (10 m)							Х	
Cable End	OPEN								1

Example: PR9376/000-001

Speed Sensor with 3 m Non-Armored Cable

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