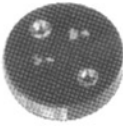

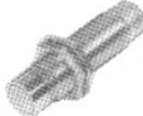





Gear Sensor

Model		PA1007	PA1010	PA1015	PA2010H	PA1010D	PA3010HD4	PAH0403
Picture								
Applications		<ul style="list-style-type: none"> • Food machine • Paper working machine • Packaging machine 		<ul style="list-style-type: none"> • Corrugated paper manufacturing machine • NC cutter • Rock drill 	<ul style="list-style-type: none"> • Winder • Weaving machine • Knitting machine 	<ul style="list-style-type: none"> • For train • Tunnel drilling machine 	<ul style="list-style-type: none"> • NC machine tool • Machining center • Elevator 	
Output Signals		1 Signal	1 Signal	1 Signal	2 Signal	2 Signal	2 Signal	Sig.A.B.Z
External Dimension		φ26×7	M16×65	M22×80	M16×65	φ30×138	65×44×37	
Available Module		1.0	1.0~1.5	1.0~3.0	1.0	3.0	0.4	
Sensing Distance		0.5~1.0mm	0.4~1.0mm	0.4~1.5mm	1.3mm max	0.4~1.0mm	0.5~1.6mm	0.15mm
Output Logic		Negative Logic	Positive Logic		Positive Logic	Positive Logic	Positive Logic	Positive Logic
Output Circuit <small>See Page21</small> ●:Available	Voltage Output	—	● Vcc:DC+8.5V to +16V		● Vcc:DC+12V	● Vcc:DC+8.5V to +16V	● Vcc:DC+12V	—
	Open collector Output	● Vcc:DC+12V	● Vcc:DC+8.5V to +16V		● Vcc:DC+12V	● Vcc:DC+8.5V to +16V	● Vcc:DC+12V	—
	Line Driver Output	—	—		—	—	—	● Vcc:DC+5V
Response Frequency		1Hz~10kHz	0Hz~8kHz	1Hz~8kHz	0Hz~5kHz	0Hz~8kHz	0Hz~6kHz	0Hz~200kHz
Output Circuit Protection		—	●		●	●	●	●
Operating Diode		—	●		—	●	—	—
Case Material		ABS	Brass Nickel-Plating		Brass Nickel-Plating	Brass Nickel-Plating	Brass Nickel-Plating	Aluminium alloy
Surface Material		Nickel Silver	Nickel Silver		Nickel Silver	Nickel Silver	Nickel Silver	Beryllium-Copper
Operating Temperature		0°C~+50°C	-20°C~+70°C		-20°C~+100°C	-20°C~+70°C	-20°C~+80°C	-10°C~+80°C
Degree of Protection		IP50	IP66		IP67	IP66	IP67	IP50(IP64 ^{*2})
Net Weight (without Cable Weight)		12g or Less	200g or Less		700g or Less	200g or Less	1.5kg or Less	300g or Less
Accessories		—	M16 Nut×2		M22 Nut×2	M16 Nut×2	—	—

*2:Options are available.

Vcc: Supply Voltage