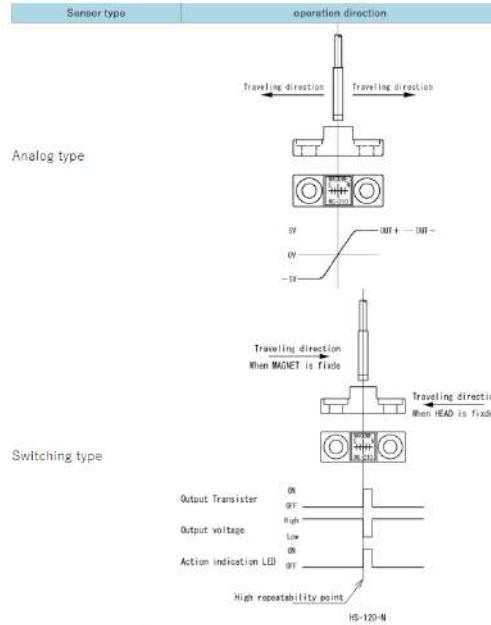




H series sensors are suitable for a reference point sensor of a precision machine. Adopting a N-pole and S-pole borderline magnet as a reference point target magnet, H series sensor generates analog signal or switching signal. The repeatability at the borderline of N-pole and S-pole of target magnet is $\pm 0.1\mu\text{m}$.

VARIATION :



SPECIFICATIONS :

Operation Distance		0.3mm
Sensitivity	Analog type	plus at N-pole, minus at S-pole
	Digital type (switching)	Switching at 1mT to 2mT at N-pole
Sensing objects		Magnet MG-210, MG-220, MGN-210, etc.
Supply voltage		+12 VDC $\pm 5\%$, ripple (p-p) 1% max.
		or +24 VDC $\pm 5\%$, ripple (p-p) 1% max.
Output	Analog type	Analog voltage output (Floating) Output impedance (1.8k ohm)
	Digital type (switching)	NPN Transistor Open Collector Normally open Applicable voltage 30V max. Sink current 100mA max.
Response time		0.2ms delay (D to 4kHz)
Temperature Drift		$\pm 0.1\mu\text{m}/^\circ\text{C}$ Output voltage $\pm 5\%$ (-10°C to 50°C)
Operation Temperature		-10°C to +50°C (Non-freezing)

DIMENSIONS :

unit : mm

