SG5150/5155

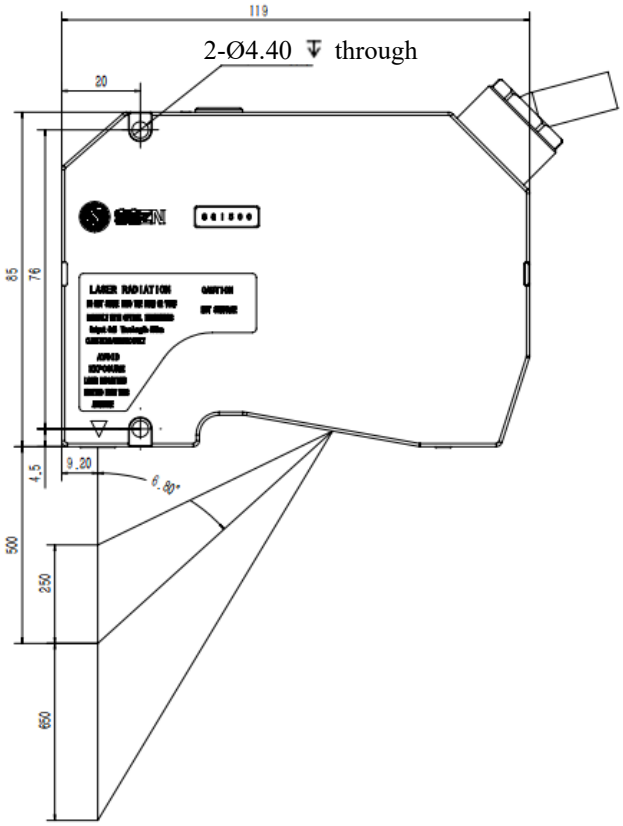
Sensor head

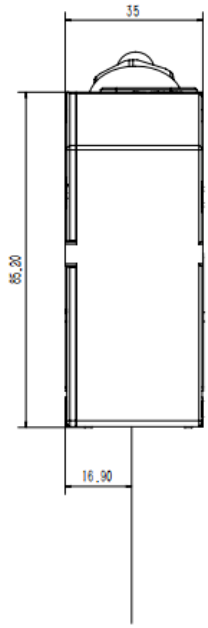
Specifications

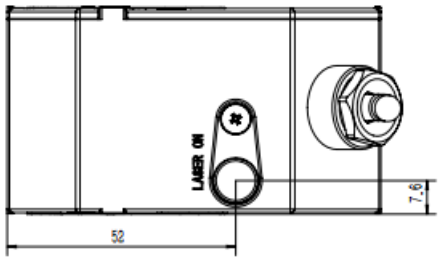
Model		SG5150/5155
Reference distance (RF)		150mm
Measuring range		-47mm-35mm
Light source	Light source wavelength	655nm
	Laser class	Class II
	Laser output power	5mW
Laser point diameter (Light dot size)	Small laser point	Φ190μm
	Wide laser point	190*1300μm
Repeatability①		0.025um
Linearity		±0.02% F.S.
Temperature characteristics		0.01% F.S./℃
Sampling refresh rate (Hz)		1/2/5/10/20/50/88kHz (Choose from 7 levels)
I/O	Communication port	1 100Base-TX/1000Base-T Ethernet interface, 1 RS232
	Analog output	4-channel analog outputs, supports analog voltage and analog current switching
	Encoder input	1 set of differential encoders
	IO input	14 channels, supports timing, zeroing, reset, laser control, recipe switching and other functions.
	IO output	16 channel, determines status of output.
Operating temperature		0-50ºC
Storage temperature		-20-70ºC
Working humidity		35%-85% no condensation
ESD protection		Contact discharge 4kV, air discharge 8kV, conforms with IEC61000-4-2 standard
EFT protection		Power port 2kV/5 or 100kHz, signal port 1kV/5 or 100kHz, conforms with IEC61000-4-4
Bumps		50Gs/3ms on each axis, conforms with IEC 68-2-27 Ea
Vibrations		10Gs (10-500Hz), conforms with IEC 68-2-6 Fc
IP level		IP67, conforms with IEC 60529 standard
Dimensions (mm)		85x76x47
Data cable (wiring) model		SCB-GICAM-HA2-3m/5m/10m
Weight (Including cables)		370g

Note: ① Obtained from 4096 tests at reference distance.

Product Dimensions







최적의 ALL-IN-1 솔루션을 제안합니다.

솔루션, 제품, 서비스에 대해 궁금하신 내용을 남겨주시면 빠른 시일 내로 회신 드리겠습니다.

공식 홈페이지 공식 블로그 공식 인스타그램

제품·기술지원 문의

02-6914-6363

b2s@b2s.kr