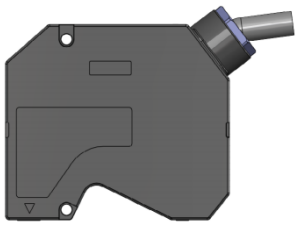


SGI400/405

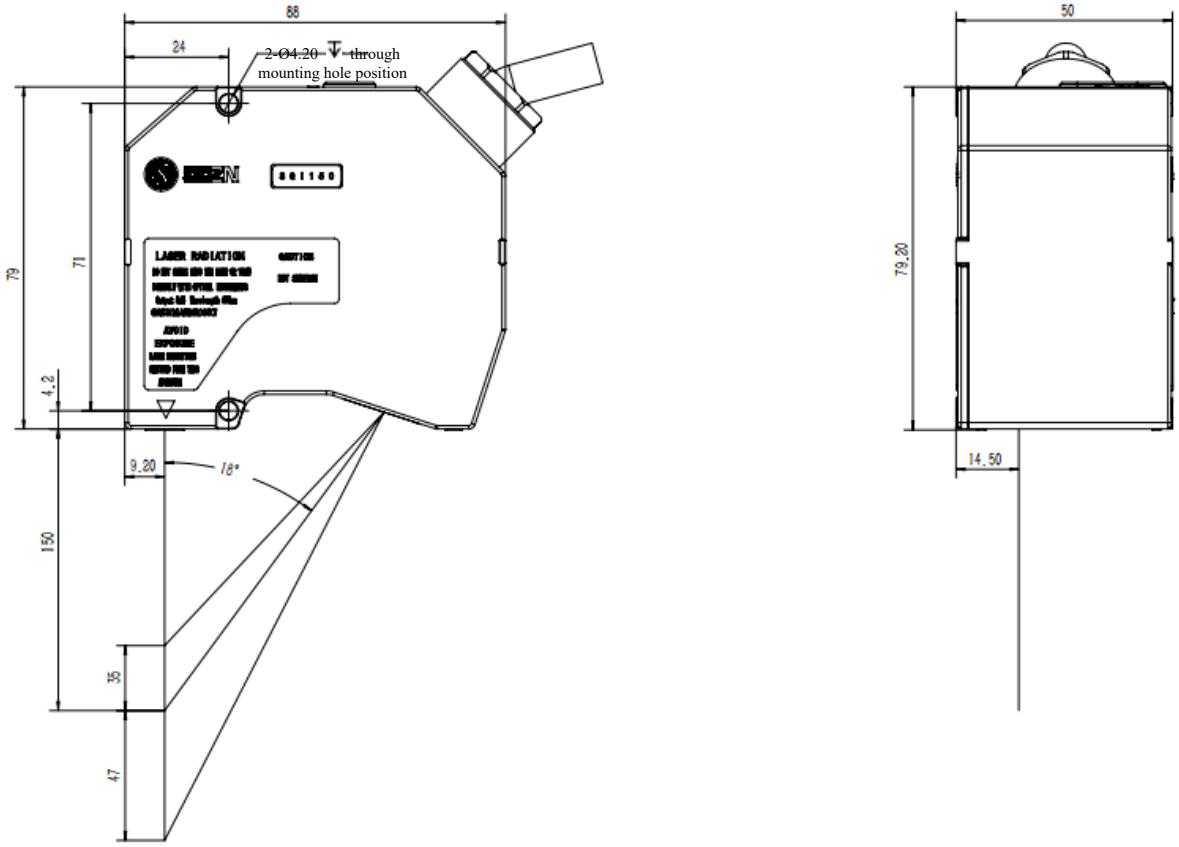
Sensor head

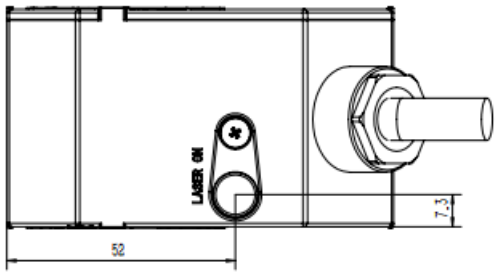
Specifications

Model		SGI400/405
Reference distance (RF)		400mm
Measuring range		-100mm-100mm
Light source	Light source wavelength	655nm
	Laser class	Class II
	Laser output power	5mW
Laser point diameter (Light dot size)	Small laser point	Φ450μm
	Wide laser point	450*1300μm
Repeatability①		2um
Linearity		±0.05% 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 RS485
	Analog output	1-channel analog outputs, supports analog voltage and analog current switching
	IO input	2 channels, timing, zeroing and single-ended encoder function multiplexing.
	IO output	4 channel, determines status of output.
Operating temperature		0-50°C
Storage temperature		-20-70°C
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)		119x85x35
Data cable (wiring) model		SCB-GICAM-HA1-3m/6m/10m
Weight (Including cables)		380g

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.

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