



SR8062

Sensor head

Specification

Model		SR8062	
Reference distance (CD)		60mm	
Measuring range	Z-axis height (FS)		8.5mm
	X-axis width	Near-end	16mm
		Reference distance	17mm
		Far-end	17.6mm
Light source	Light source wavelength		405nm
	Laser class		2M
	Laser output power		10mW
Repeatability	Z axis (height)		0.15um
	X-axis (width)		1.5um
Linear	Z axis (height)		±0.02% of FS
Contour data interval	X-axis (width)		5.5um
X-axis contour points		3200	
Scanning speed (Hz)		2500-67000	
Encoder interface		Single-ended and differential encoder each	
I/O		1 100Base-TX/1000Base-T Ethernet interface	
Operating temperature		0-50°C	
Storage temperature		-20-70°C	
Working humidity		35%-85% without condensation	
ESD protection		Contact discharge 4kV, air discharge 8kV, conforms with IEC61000-4-2	
EFT Protection		Power port 2kV/5 or 100kHz, signal port 1kV/5 or 100kHz, conforms with IEC61000-4-4	
Impact		50Gs/3ms per axis, conforms with IEC 68-2-27 Ea	
Vibration		10Gs (10-500Hz), conforms with IEC 68-2-6 Fc	
IP rating		IP67, conforms with IEC 60529	
Dimensions (mm)		142 x 69.5 x 133	
Data cable (wiring) model		SCB-HCAM-HB2Z-3m, SCB-HCAM-HB2Z-10m	
Weight		1500g	

Product Size

