



SR5280

Sensor head

Specification

Model		SR5280	
Reference distance (CD)		380mm	
Measuring range	Z-axis height (FS)	280mm	
	X-axis width	Near-end	180mm
		Reference distance	234mm
		Far-end	320mm
Light source	Light source wavelength	450nm	
	Laser class	3R	
	Laser output power	50mW	
Repeatability	Z axis (height)	4um	
	X-axis (width)	25um	
Linear	Z axis (height)	±0.02% of FS	
Contour data interval	X-axis (width)	100um	
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)		325x 89.5x62	
Data cable (wiring) model		SCB-HCAM-HR2Z-3/6/10m	
Weight		1500g	

Product Size

