SC-01 Strain Cable Sensor

Strain range ±1500με, Temperature range -20°C to +60°C

Ordering information			Installation information		
WL configuration	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range ±1500με at installation (WL @ 0με @ 22,5°C)	WL @ -1500με @ -20°C	WL @ +1500με @ +60°C
A	Temp.	1 511,9nm	1 511,9nm	1 510,7nm	1 513,0nm
	Strain	1 512,9nm	1 515,4nm	1 513,2nm	1 517,5nm
B	Temp.	1 520,9nm	1 520,9nm	1 519,7nm	1 522,0nm
	Strain	1 521,9nm	1 524,4nm	1 522,2nm	1 526,5nm
C	Temp.	1 530,9nm	1 530,9nm	1 529,7nm	1 532,0nm
	Strain	1 531,9nm	1 534,4nm	1 532,2nm	1 536,5nm
D	Temp.	1 539,9nm	1 539,9nm	1 538,7nm	1 541,0nm
	Strain	1 540,9nm	1 543,4nm	1 541,2nm	1 545,5nm
E	Temp.	1 548,9nm	1 548,9nm	1 547,7nm	1 550,0nm
	Strain	1 549,9nm	1 552,4nm	1 550,2nm	1 554,5nm
F	Temp.	1 557,9nm	1 557,9nm	1 556,7nm	1 559,0nm
	Strain	1 558,9nm	1 561,4nm	1 559,2nm	1 563,5nm
G	Temp.	1 566,9nm	1 566,9nm	1 565,7nm	1 568,0nm
	Strain	1 567,9nm	1 570,4nm	1 568,2nm	1 572,5nm
H	Temp.	1 575,9nm	1 575,9nm	1 574,7nm	1 577,0nm
	Strain	1 576,9nm	1 579,4nm	1 577,2nm	1 581,5nm

Strain range ±3000με, Temperature range -20°C to +60°C

Ordering information			Installation information		
WL configuration	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range ±3000με at installation (WL @ 0με @ 22,5°C)	WL @ -3000με @ -20°C	WL @ +3000με @ +60°C
A	Temp.	1 511,9nm	1 511,9nm	1 510,7nm	1 513,0nm
	Strain	1 512,9nm	1 517,2nm	1 513,2nm	1 521,1nm
C	Temp.	1 530,9nm	1 530,9nm	1 529,7nm	1 532,0nm
	Strain	1 531,9nm	1 536,2nm	1 532,2nm	1 540,1nm
E	Temp.	1 548,9nm	1 548,9nm	1 547,7nm	1 550,0nm
	Strain	1 549,9nm	1 554,2nm	1 550,2nm	1 558,1nm
G	Temp.	1 566,9nm	1 566,9nm	1 565,7nm	1 568,0nm
	Strain	1 567,9nm	1 572,2nm	1 568,2nm	1 576,1nm

SC-01 Strain Cable Sensor

Strain range ±5000με, Temperature range -20°C to +60°C

Ordering information			Installation information		
WL configuration	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range ±5000με at installation (WL @ 0με @ 22,5°C)	WL @ -5000με @ -20°C	WL @ +5000με @ +60°C
A	Temp.	1 511,9nm	1 511,9nm	1 510,7nm	1 513,0nm
	Strain	1 512,9nm	1 519,6nm	1 513,2nm	1 525,9nm
C	Temp.	1 530,9nm	1 530,9nm	1 529,7nm	1 532,0nm
	Strain	1 531,9nm	1 538,6nm	1 532,2nm	1 544,9nm
E	Temp.	1 548,9nm	1 548,9nm	1 547,7nm	1 550,0nm
	Strain	1 549,9nm	1 556,6nm	1 550,2nm	1 562,9nm
G	Temp.	1 566,9nm	1 566,9nm	1 565,7nm	1 568,0nm
	Strain	1 567,9nm	1 574,6nm	1 568,2nm	1 580,9nm

Example of standard stock available WL configurations and their chaining possibilities into one optical channel.
Other WL's on demand (for example: If more than 8 sensors are required per one optical channel)

SYLEX, s.r.o. | Mlynské luhy 31 | 821 05 Bratislava | Slovak republic | sales@sylex.sk | www.sylex.sk