

SWA-00 Spot weldable single strain sensor with temperature compensation
Strain range $\pm 1500\mu\epsilon$, Temperature range -20°C to $+60^{\circ}\text{C}$

Ordering information					Installation information			
WL configuration	S-line Scan 400	S-line Scan 800	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range $\pm 1500\mu\epsilon$ at installation (WL @ 0 $\mu\epsilon$ @ 22,5°C)	WL @ -1500 $\mu\epsilon$ @ -20°C	WL @ +1500 $\mu\epsilon$ @ +60°C	
A		x	Temp.	1 508,6nm	1 508,6nm	1 507,4nm	1 509,7nm	
			Strain	1 511,1nm	1 511,1nm	1 508,9nm	1 513,2nm	
B		x	Temp.	1 521,6nm	1 521,6nm	1 520,4nm	1 522,7nm	
			Strain	1 524,1nm	1 524,1nm	1 521,9nm	1 526,2nm	
C	x	x	Temp.	1 534,6nm	1 534,6nm	1 533,4nm	1 535,7nm	
			Strain	1 537,1nm	1 537,1nm	1 534,9nm	1 539,2nm	
D	x	x	Temp.	1 547,6nm	1 547,6nm	1 546,4nm	1 548,7nm	
			Strain	1 550,1nm	1 550,1nm	1 547,9nm	1 552,2nm	
E	x	x	Temp.	1 560,6nm	1 560,6nm	1 559,4nm	1 561,7nm	
			Strain	1 563,1nm	1 563,1nm	1 560,9nm	1 565,2nm	
F		x	Temp.	1 573,6nm	1 573,6nm	1 572,4nm	1 574,7nm	
			Strain	1 576,1nm	1 576,1nm	1 573,9nm	1 578,2nm	

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A		x	Strain	1 511,9nm	1 511,9nm	1 509,7nm	1 514,0nm	
B		x	Strain	1 520,9nm	1 520,9nm	1 518,7nm	1 523,0nm	
C	x	x	Strain	1 530,9nm	1 530,9nm	1 528,7nm	1 533,0nm	
D	x	x	Strain	1 539,9nm	1 539,9nm	1 537,7nm	1 542,0nm	
E	x	x	Strain	1 548,9nm	1 548,9nm	1 546,7nm	1 551,0nm	
F	x	x	Strain	1 557,9nm	1 557,9nm	1 555,7nm	1 560,0nm	
G		x	Strain	1 566,9nm	1 566,9nm	1 564,7nm	1 569,0nm	
H		x	Strain	1 575,9nm	1 575,9nm	1 573,7nm	1 578,0nm	

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 5 sensors are required per one optical channel)