

MS-03 Mountable strain sensor

Strain range $\pm 2000\mu\epsilon$, 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 @ $22,5^{\circ}\text{C}$ (after production)	Pre-strain for range $\pm 2000\mu\epsilon$ at installation (WL @ $0\mu\epsilon$ @ $22,5^{\circ}\text{C}$)	WL @ $-2000\mu\epsilon$ @ -20°C	WL @ $+2000\mu\epsilon$ @ $+60^{\circ}\text{C}$
A		x	Temp.	1 511,7nm	1 511,7nm	1 510,5nm	1 512,8nm
			Strain	1 513,2nm	1 517,6nm	1 514,2nm	1 520,9nm
B		x	Temp.	1 523,1nm	1 523,1nm	1 521,9nm	1 524,2nm
			Strain	1 524,6nm	1 529,0nm	1 525,6nm	1 532,3nm
C	x	x	Temp.	1 534,5nm	1 534,5nm	1 533,3nm	1 535,6nm
			Strain	1 536,0nm	1 540,4nm	1 537,0nm	1 543,7nm
D	x	x	Temp.	1 545,9nm	1 545,9nm	1 544,7nm	1 547,0nm
			Strain	1 547,4nm	1 551,8nm	1 548,4nm	1 555,1nm
E	x	x	Temp.	1 557,3nm	1 557,3nm	1 556,1nm	1 558,4nm
			Strain	1 558,8nm	1 563,2nm	1 559,8nm	1 566,5nm
F		x	Temp.	1 568,7nm	1 568,7nm	1 567,5nm	1 569,8nm
			Strain	1 570,2nm	1 574,6nm	1 571,2nm	1 577,9nm
G		x	Temp.	1 580,1nm	1 580,1nm	1 578,9nm	1 581,2nm
			Strain	1 581,6nm	1 586,0nm	1 582,6nm	1 589,3nm

Example of standard stock available WL configurations and their chaining possibilities in one optical channel.
Other WL's on demand (for example: If more than 7 sensors are required per one optical channel)