

**ES-03 Embeddable strain sensor**
**Strain range  $\pm 1500\mu\epsilon$ , Temperature range  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$** 

Ordering information			Installation information		
WL configuration	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	Strain	1 514,3nm	1 516,8nm	1 514,6nm	1 518,9nm
B	Strain	1 523,3nm	1 525,8nm	1 523,6nm	1 527,9nm
C	Strain	1 533,3nm	1 535,8nm	1 533,6nm	1 537,9nm
D	Strain	1 542,3nm	1 544,8nm	1 542,6nm	1 546,9nm
E	Strain	1 551,3nm	1 553,8nm	1 551,6nm	1 555,9nm
F	Strain	1 560,3nm	1 562,8nm	1 560,6nm	1 564,9nm
G	Strain	1 569,3nm	1 571,8nm	1 569,6nm	1 573,9nm
H	Strain	1 578,3nm	1 580,8nm	1 578,6nm	1 582,9nm

**Strain range  $\pm 2500\mu\epsilon$ , Temperature range  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$** 

Ordering information			Installation information		
WL configuration	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range $\pm 2500\mu\epsilon$ at installation (WL @ 0 $\mu\epsilon$ @ 22,5°C)	WL @ -2500 $\mu\epsilon$ @ -20°C	WL @ +2500 $\mu\epsilon$ @ +60°C
A	Strain	1 514,3nm	1 518,0nm	1 514,6nm	1 521,3nm
B	Strain	1 523,3nm	1 527,0nm	1 523,6nm	1 530,3nm
C	Strain	1 533,3nm	1 537,0nm	1 533,6nm	1 540,3nm
D	Strain	1 542,3nm	1 546,0nm	1 542,6nm	1 549,3nm
E	Strain	1 551,3nm	1 555,0nm	1 551,6nm	1 558,3nm
F	Strain	1 560,3nm	1 564,0nm	1 560,6nm	1 567,3nm
G	Strain	1 569,3nm	1 573,0nm	1 569,6nm	1 576,3nm
H	Strain	1 578,3nm	1 582,0nm	1 578,6nm	1 585,3nm

**Strain range  $\pm 5000\mu\epsilon$ , Temperature range  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$** 

Ordering information			Installation information		
WL configuration	WL type	Nominal WL @ 22,5°C (after production)	Pre-strain for range $\pm 5000\mu\epsilon$ at installation (WL @ 0 $\mu\epsilon$ @ 22,5°C)	WL @ -5000 $\mu\epsilon$ @ -20°C	WL @ +5000 $\mu\epsilon$ @ +60°C
A	Strain	1 514,3nm	1 521,0nm	1 514,6nm	1 527,3nm
C	Strain	1 533,3nm	1 540,0nm	1 533,6nm	1 546,3nm
E	Strain	1 551,3nm	1 558,0nm	1 551,6nm	1 564,3nm
G	Strain	1 569,3nm	1 576,0nm	1 569,6nm	1 582,3nm

Example of standard stock available WL configurations and their chaining possibilities in one optical channel.  
Other WL's on demand.