

NEW C4A게이지 고정밀, 저가형

Optional 2wire, 3wire

Vishay Micro-Measurement 社 신제품, 산업현장용 스트레인게이지




actual size

C4A-XX-060SL

- $120 \pm 0.3\%$
- $350 \pm 0.3\%$
- Matrix : $5.6 \times 4.1\text{mm}$




actual size

C4A-XX-125SL

- $120 \pm 0.3\%$
- $350 \pm 0.3\%$
- Matrix : $7.1 \times 4.1\text{mm}$



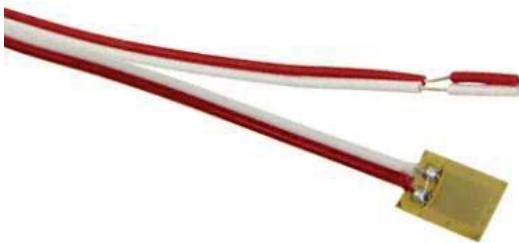

actual size

C4A-XX-235SL

- $120 \pm 0.3\%$
- $350 \pm 0.3\%$
- Matrix : $9.4 \times 4.6\text{mm}$



토목, 건축, 조선, 항공 분야, 광범위한 용력분포 다채널 측정에 적합



Specification

- encapsulated Constantan alloy gages
- 1m, 2m, 3m, 4m, 5m, 10m Length selections
- Temperature Range
 -60°F to $+180^{\circ}\text{F}$ (-51°C to $+80^{\circ}\text{C}$)
- Strain Range : $\pm 3\%$

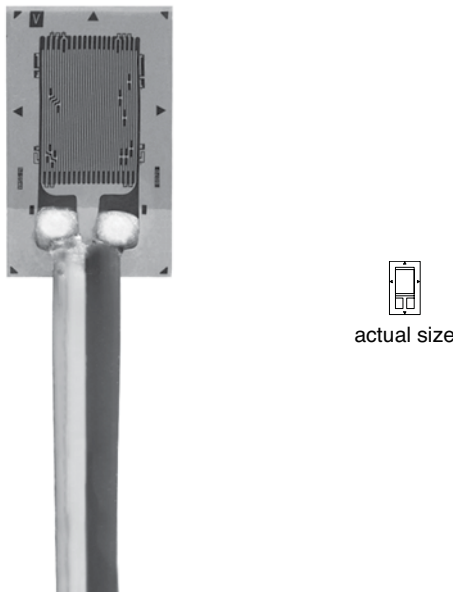
General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA – BASED ON ADVANCED SENSORS TECHNOLOGY					
  actual size		GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE	
		See Note 1			
		C4A-XX-060SL-350/23P C4A-XX-060SL-350/29P C4A-XX-060SL-350/33P C4A-XX-060SL-350/39P C4A-XX-060SL-120/23P C4A-XX-060SL-120/29P C4A-XX-060SL-120/33P C4A-XX-060SL-120/39P XX=STC 값 06(강철)과 13(알루미늄 합금)	350 ± 0.3% 350 ± 0.3% 350 ± 0.3% 350 ± 0.3% 120 ± 0.3% 120 ± 0.3% 120 ± 0.3% 120 ± 0.3%		
		DESCRIPTION			 RoHS COMPLIANT
GAGE DIMENSIONS		Legend			
		ES = Each Section S = Section (S1 = Section 1)	CP = Complete Pattern M = Matrix		inch millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.060	0.144	0.100	0.100	0.22	0.16
1.52	3.66	2.54	2.54	5.6	4.1

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
C4A	C4A encapsulated Constantan alloy gages with pre-attached ready-to-use cables. Length selections: 23P= 2 wires, 3 ft long; 29P= 2 wires, 9 ft long, 33P= 3 wires, 3 ft long; 39P= 3 wires, 9 ft long.	±3%	–60°F to +180°F (–51°C to +80°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

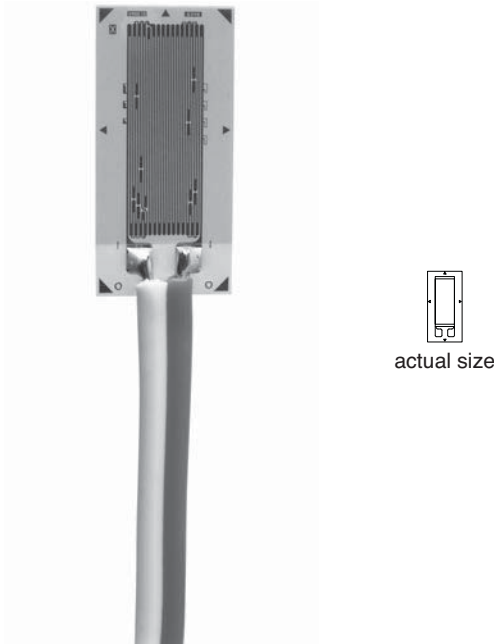
General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA – BASED ON ADVANCED SENSORS TECHNOLOGY					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE
			C4A-XX-125SL-120/23P C4A-XX-125SL-120/29P C4A-XX-125SL-120/33P C4A-XX-125SL-120/39P C4A-XX-125SL-350/23P C4A-XX-125SL-350/29P C4A-XX-125SL-350/33P C4A-XX-125SL-350/39P	120 ± 0.3% 120 ± 0.3% 120 ± 0.3% 120 ± 0.3% 350 ± 0.3% 350 ± 0.3% 350 ± 0.3% 350 ± 0.3%	
			DESCRIPTION Widely used general-purpose gage.  RoHS COMPLIANT		
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix inch millimeter			
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.205	0.100	0.100	0.28	0.16
3.20	5.20	2.54	2.54	7.1	4.1

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
C4A	C4A encapsulated Constantan alloy gages with pre-attached ready-to-use cables. Length selections: 23P= 2 wires, 3 ft long; 29P= 2 wires, 9 ft long, 33P= 3 wires, 3 ft long; 39P= 3 wires, 9 ft long.	±3%	–60°F to +180°F (–51°C to +80°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA – BASED ON ADVANCED SENSORS TECHNOLOGY						
			GAGE DESIGNATION See Note 1		RESISTANCE (OHMS)	OPTIONS AVAILABLE
			C4A-XX-235SL-350/23P C4A-XX-235SL-350/29P C4A-XX-235SL-350/33P C4A-XX-235SL-350/39P C4A-XX-235SL-120/23P C4A-XX-235SL-120/29P C4A-XX-235SL-120/33P C4A-XX-235SL-120/39P		350 ± 0.3% 350 ± 0.3% 350 ± 0.3% 350 ± 0.3% 120 ± 0.3% 120 ± 0.3% 120 ± 0.3% 120 ± 0.3%	
			DESCRIPTION Widely used general-purpose gage.			 RoHS COMPLIANT
GAGE DIMENSIONS		Legend				inch millimeter
		ES = Each Section S = Section (S1 = Section 1)				
		CP = Complete Pattern M = Matrix				
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width	
0.235	0.301	0.100	0.100	0.37	0.18	
5.97	7.64	2.54	2.54	9.4	4.6	

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
C4A	C4A encapsulated Constantan alloy gages with pre-attached ready-to-use cables. Length selections: 23P= 2 wires, 3 ft long; 29P= 2 wires, 9 ft long, 33P= 3 wires, 3 ft long; 39P= 3 wires, 9 ft long.	±3%	–60°F to +180°F (–51°C to +80°C)

Note 1: Insert desired S-T-C number in spaces marked XX.