



Foil Strain Gauges F series (GOBLET) CE



Strain gauges compliant to RoHS2 Directive 2011/65/EU are added to the lineup in F series. They are supplied with CE marking as standard specification. Our logo GOBLET, which is an abbreviation of "Gauges Of Brilliant Lifespan and Environmental Thoughtful", is marked on the package of these gauges.

Operating temperature range
-196~+150°C
Temperature compensation range
+10~+100°C

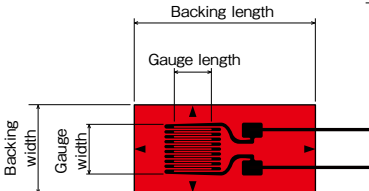
Applicable adhesives
CN -196~+120°C
P-2 -30~+150°C
EB-2 -60~+150°C

Please specify the type number as shown in the example below.

FLAB -5 (-350) -11 -3LJC-F

↑ Gauge series name
↑ Gauge length
↑ Gauge resistance (blank for 120Ω)
↑ Objective material for temperature compensation
↑ Length in meter and type of integral leadwire CE compliant leadwire

Objective material for temperature compensation
(coefficient of linear thermal expansion $\times 10^{-6}/^{\circ}\text{C}$)
-11: Mild steel ■ -17: Stainless steel ■ -23: Aluminium ■

Gauge pattern		Type	Gauge size(mm) Length Width		Backing size(mm) Length Width		Resistance Ω
●Single axis 							
General use		FLGB-02	0.2	1.4	3.5	2.5	120
		FLGB-1	1	1.1	6	2.5	120
		FLAB-03	0.3	1.4	3	2	120
		FLAB-05	0.5	1.2	4.3	2.2	120
		FLAB-1	1	1.3	5	2.5	120
		FLAB-2	2	1.5	6.5	3	120
		FLAB-3	3	1.7	7.7	3.5	120
		FLAB-3-60	3	1.2	7.7	3	60
		FLAB-5	5	1.5	10	3	120
		FLAB-6	6	2.2	11	4.3	120
FLK pattern with narrow gauge width		FLAB-10	10	2.5	15.4	5	120
		FLAB-30	30	2	35	5	120
		FLKB-1	1	0.7	4.5	1.4	120
		FLKB-2	2	0.9	5.5	1.5	120
Gauge resistance 350Ω		FLKB-6	6	1	11	2.2	120
		FLKB-10	10	1.6	15	3.8	120
		FLAB-1-350	1	1.6	4.5	3	350
		FLAB-1W-350	1	2	4.7	3.6	350
		FLAB-2-350	2	1.9	6	3.5	350
		FLAB-3-350	3	1.6	7.2	3	350
Gauge resistance 1000Ω		FLAB-3W-350	3	3.2	8.5	5	350
		FLAB-5-350	5	1.8	9.4	3.8	350
		FLAB-6-1000	6	4.6	11	7	1000

Minimum order quantity is 10 strain gauges.