## High & Low Temperature Strain Gauges CEF series $c\in$

These are strain gauges utilizing polyimide resin for the gauge backing and special alloy foil for the grid. It features a wide range of operating temperature from cryogenic temperature to +200°C. This series is available only in single axis configuration with gauge length of 1,3 and 6mm.

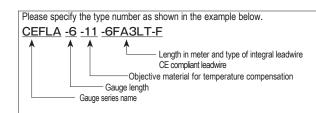
-+200℃

-269

Applicable adhesives

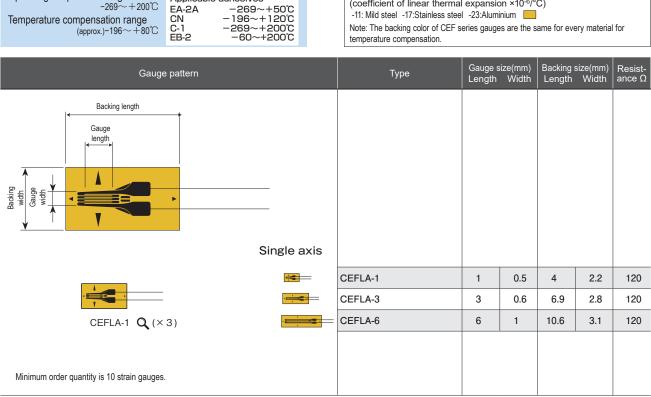
Operating temperature range

Temperature compensation range



Objective material for temperature compensation (coefficient of linear thermal expansion ×10<sup>-6</sup>/°C) -11: Mild steel -17:Stainless steel -23:Aluminium Note: The backing color of CEF series gauges are the same for every material for

temperature compensation.



## Dedicated leadwire recommended for CEF series strain gauges (made to order)

We supply various leadwires dedicated to strain gauges so as to meet our customers' requirements. Please refer to page 32 to 40 for the details of combination of a strain gauge and a leadwire. For CE marked strain gauges, only the leadwires using lead-free solder are available.

## Type and designation of leadwires

Usage	Leadwire name	Operating temperature range of leadwire (°C )	Type number example
High & Low temperature	3-wire twisted FEP leadwire $$ 6FA $\square$ LT-F 3-wire twisted FEP single-core leadwire $$ 6FB $\square$ LT-F	-269~+200	CEFLA-1-11- <mark>6FA3LT-F</mark> CEFLA-1-11- <mark>6FB3LT-F</mark>
	3-wire twisted fluorinated resin (PTFE) leadwire 4FA $\square$ LT-F 3-wire twisted fluorinated resin (PTFE) single-core leadwire 4FB $\square$ LT-F	-269~+260	CEFLA-1-11-4FA3LT-F CEFLA-1-11-4FB3LT-F

NB: 
shows the lead wire length in meter