

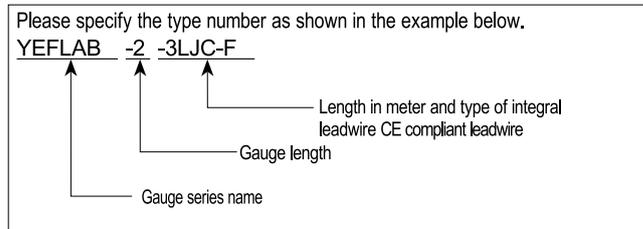


ε YEF-Series
Post-yield Strain Gauges



DESCRIPTION

These gauges are applicable to the measurement of large strain up to 10~15%. Also these withstand the repeated strain in elastic range (at strain level $\pm 1500 \times 10^{-6}$ strain) like ordinary strain gauges. However, these are not applicable to the measurement of repeated strain in a large range. Integral leadwires using lead-free solder are available with option -F. This strain gauge is CE marked (compliant to RoHS2 Directive) and has joined to our „GOBLET” series.



Operating temperature range	-30 ~ + 80°C	Applicable adhesives
Strain limit in room-temperature	10 ~ 15%	CN -30 ~ + 80°C
		CN-Y -30 ~ + 80°C

Gauge pattern	Type	Gauge size(mm)		Backing size(mm)		Resistance Ω	
		Length	Width	Length	Width		
<ul style="list-style-type: none"> • Single axis 	Single axis	YEFLAB-2	2	1.8	7	4	120
		YEFLAB-5	5	2	10.5	4	120
<ul style="list-style-type: none"> • 0° / 90° 2-axis Plane type 	0°/90° 2-axis Plane type	YEFCAB-2	2	1.8	9.5	9.5	120
		YEFCAB-5	5	2	13.5	13.5	120
<ul style="list-style-type: none"> • 0° / 45° / 90° 3-axis Plane type 	0°/45°/90° 3-axis Plane type	YEFRAB-2	2	1.8	9.5	9.5	120
		YEFRAB-5	5	2	13.5	13.5	120

Minimum order quantity is 10 strain gauges.
These strain gauges are available with integral leadwires attached. (made to order)

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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