

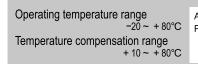


FLM/WFLM-Series 3

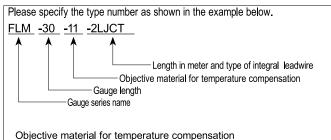
Metal Backing Strain Gauges

DESCRIPTION

These strain gauges have thin stainless steel backings which prevent the penetration of moisture from the reverse sides. This construction is aimed for successful strain measurement on concrete surface. The WFLM gauges have moisture proofing over-coating and integral leadwire in addition to the stainless steel backing. It is intended for long term measurement or measurement on underwater-curing conctrete.



Applicable adhesives - 20 ~ + 80°C PS



(coefficient of linear thermal expansion ×10⁻⁶/°C) -11: Concrete

Gauge pattern		Туре	Gauge s Length			ting size Width	e(mm) Thickness	Resist- ance Ω
• Single axis								
FLM-60-11 Q (×1/2)	Single axis	FLM-30-11	30	0.5	60	18	0.12	120
		FLM-60-11	60	0.7	90	18	0.12	120
Minimum order quantity is 10 strain gauges. These strain gauges are available with integral leadwires attached. (made to orc								
Waterproof Type Single axis								
$0.09mm^2$ 3-wire twisted cross-linked polyethylene integral leadwire of $2m$ -2LJQTA Total leadwire resistance per meter : 0.4Ω NB: Integral leadwire length longer than $2m$ is available.	type	WFLM-30-11	30	0.5	60	18	4	120
		WFLM-60-11	60	0.7	90	18	4	120
3-wire system	dependent)							
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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. Althen – Your expert partner in Sensors & Controls | althensensors.com

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