


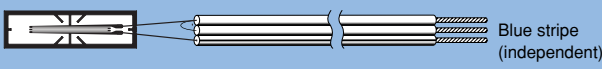
LEADWIRE-INTEGRAL series "PF" POLYESTER GAUGE

Compatible adhesive & Operational temperature
 CN : -20~+80°C
 PR-2 : -20~+80°C



Operational temperature -20~+80°C
 Temperature compensation range +10~+80°C
 Quarter bridge with 3-wire system is usable to avoid an unexpected effect of resistance change with temperature.

STEEL, CONCRETE, MORTAR MATERIALS USE

Gauge pattern	Type	Gauge size		Backing			Resistance in Ω
		L	W	L	W	T	
This gauge has a pre-attached vinyl lead wire to PF series. Works for lead wire connection such as strain gauge terminal installation and lead wire soldering are not required. It saves much time and labor. ●Single-element (G.F. 2.1 approx.) 0.11mm ² integral vinyl leadwire Total leadwire resistance per meter : 0.32 Ω 2-wire system  Grey PFL-10-11-1L 3-wire system  Blue stripe (independent) PFL-10-11-3LT Each package contains 10 gauges. Other gauges of PF series are also available with leadwire-integral service, contact TML. PFLC-30-11, PFLR-30-11 are not available for the service.		L : length W : width (Unit : mm)					
	PFL-10-11	-1L	10	0.9	18	6	120
	PFL-20-11	-3L -3LT	20	1.2	28	6	120
	PFL-30-11	-5LT	30	2.3	40	7	120

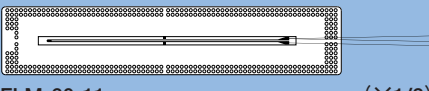
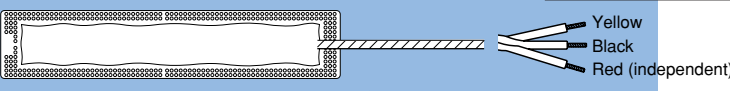
METAL BACKING series "FLM/WFLM" STRAIN GAUGE

Compatible adhesive & Operational temperature
 PS : -20~+80°C



Operational temperature -20~+80°C
 Temperature compensation range +10~+80°C

CONCRETE MATERIAL USE

Gauge pattern	Type	Gauge size		Backing			Resistance in Ω	
		L	W	L	W	T		
This gauge has a thin stainless steel backing which prevents the lowering of insulation resistance caused by the penetration of moisture from the concrete surface. It is suited to long term measurement. The WFLM has integral lead wire and moisture proof coating over the gauge. ●Single-element (G.F. 2.0 approx.)  (X1/2) FLM-60-11 WATERPROOF TYPE ●Single-element (G.F. 2.0 approx.) 0.09mm ² integral crosslinked polyethylene sheath leadwire of 2m standard Total leadwire resistance per meter : 0.4 Ω 3-wire system  (X1/2) Yellow Black Red (independent) WFLM-60-11 Each package contains 10 gauges. Other length of leadwire is also available on request.	Single-element	FLM-30-11	30	0.5	60	18	0.12	120
		FLM-60-11	60	0.7	90	18	0.12	120
	Waterproof type	WFLM-30-11	30	0.5	60	18	4	120
	Single-element	WFLM-60-11	60	0.7	90	18	4	120