

3

Series "PF"







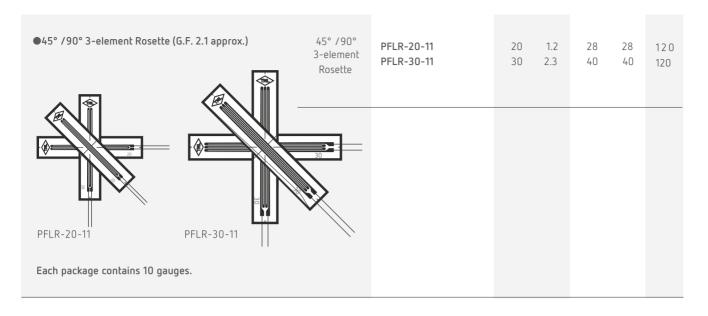
Description

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

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

| STEEL, CONCRETE, M | IORTAR MATERIALS USE | | | | | |
|---|----------------------|---------------------------|-------------------------------------|----------------------------|------------------------|------------------------|
| Gauge pattern | | | Туре | Gauge size L W | Backing L W | Resistance in Ω |
| This is a foil strain gauge having polyester resin backing. It is mainly used for measurement on steel, concrete or mortar. | | | | L : length | W : width (Unit | t : mm) |
| ●Single-element (G. | F. 2.1 арргох.) | | | | | |
| PFL-10-11 | PFL-20-11 | Single- element | PFL-10-11 PFL-20-11 PFL-30-11 | 10 0.9 20 1.2 30 2.3 | 17.5 5 28 6 40 7 | 120 120 120 |
| | PFL-30-11 | | | | | |
| | | | | | | |
| ●90° 2-element Cross (G.F. 2.1 approx.) | | 90° 2-element Cross | PFLC-20-11 PFLC-30-11 | 20 1.2 30 2.3 | 28 28 40 40 | 120 120 |
| PFLC-20-11 | PFLC-30-11 | 30 | | | | |





Series "PF" Leadwire-integral Polyester Gauge

Description

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 | inage with 3-whe system is | | | | | | |
|--|----------------------------|------------|------------|-----------|------------|---------|------------------------|
| Gauge pattern | Туре | | Gauge L | size W | Backi L | ng W | Resistance in Ω |
| 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. | | | L : lengt | :h \ | W : width | (Unit | : mm) |
| •Single-element (G.F. 2.1 approx.) 0.11mm integral vinyl leadwire Total leadwire resistance per meter: 0.32Ω | PFL-10-11 | -1L -3L | 10 | 0.9 | 18 | 6 | 120 |
| 2-wire system | PFL-20-11 -5L -3LT | -3LT | 20 | 1.2 | 28 | 6 | 120 |
| PFL-10-11-1L 3-wire system | PFL-30-11 | -5LT | 30 | 2.3 | 40 | 7 | 120 |
| PFL-10-11-3LT Each package contains 10 gauges. Other gauges of PF series are also available with leadwire-integral service, PFLC-30-11, PFLR-30-11 are not available for the service. | contact Altheris. | | | | | | |

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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.