

Features

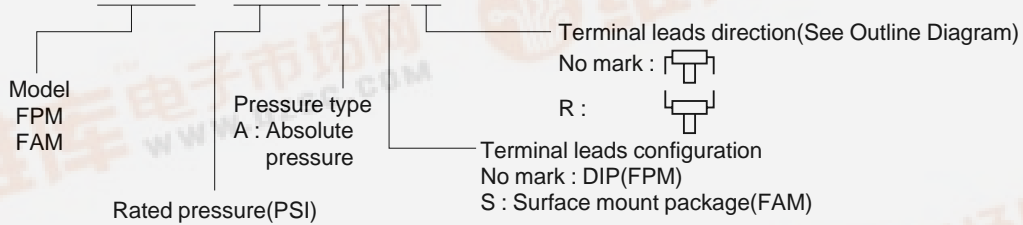
- Dual-In-line-Package(DIP)or SMD, Easy to mount on PCB
- Barometric pressure measurable

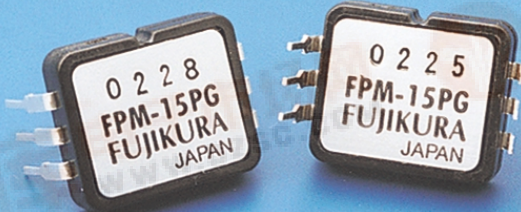
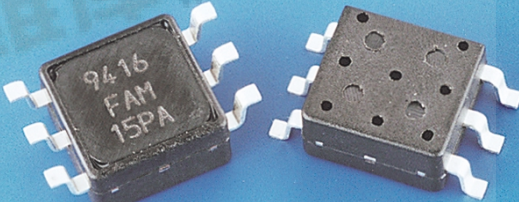
Applications

- Industrial instrumentation
- Medical device
- Barometer, Altimeter
- Altitude compensation

Part number for ordering

FAM - 15P A S R



Pressure type	Absolute pressure		
	FPM	FAM	
Model			
Package configuration	Dual-In-line-Package(DIP)	Surface mount package	
Measurable pressure range(kPa)	Part number for ordering		
-66.7~+66.7	FPM-15PA	FPM-15PAR	FAM-15PASR

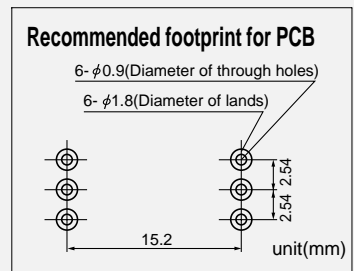
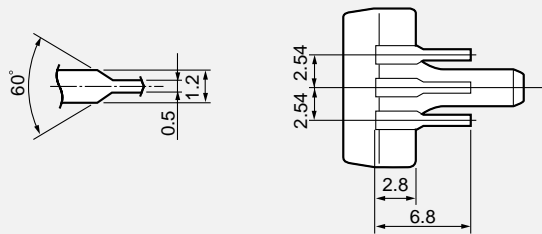
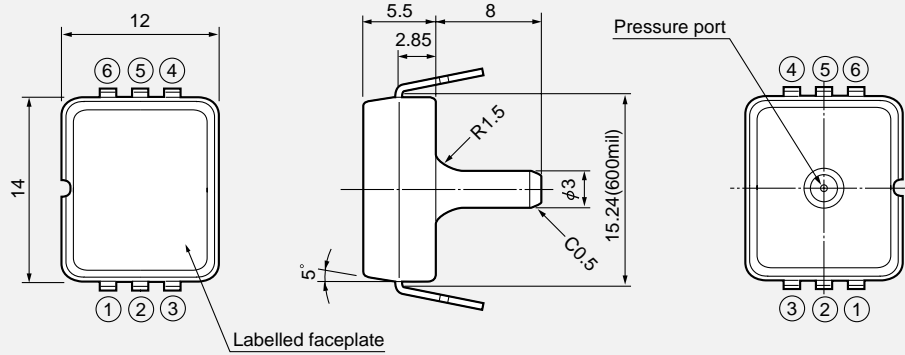
Specifications

Model/Rated pressure	15PA	Unit	
Recommended operating conditions			
Pressure type	Absolute pressure	—	
Rated pressure	34.66~168.0	kPa·abs	
	0.3535~1.713	kg/cm ² ·abs	
Measurable pressure range	0~168.0	kPa·abs	
Pressure media	Non-corrosive gas	—	
Excitation current (Constant)	1.5	mADC	
Absolute maximum rating			
Maximum load pressure	Twice of rated pressure	—	
Maximum excitation current	3	mADC	
Operating temperature	-20~100	°C	
Storage temperature	-40~120	°C	
Operating humidity	30~80 (No dew condensation)	%RH	
Electric performances/characteristics (Excitation current I=1.5mA constant, Ambient temperature Ta=25°C)			
Full scale span voltage	80~160	mV	
Offset voltage	50~130 (at 101.3kPa·abs)	mV	
Bridge impedance	4000~6000	Ω	
Mechanical response time	2 (For the reference)	msec	
Accuracy	Temperature sensitivity of offset (TSO)	±3	%FS/0~50°C
	Temperature coefficient of sensitivity (TCS)	2.5	%FS/0~50°C
	Linearity	±0.3	%FS
	Pressure hysteresis	±0.2	%FS

■ Outline dimensions ■

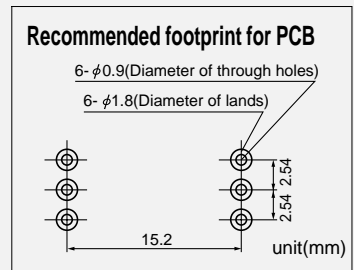
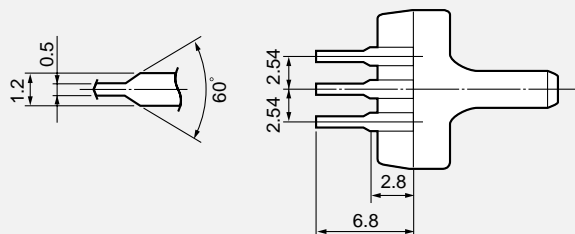
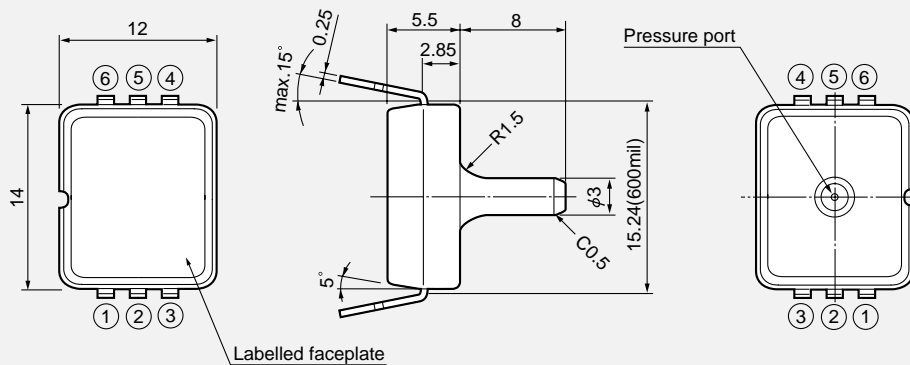
Unit (mm)

FPM (Absolute pressure)



FPM-R (Absolute pressure)

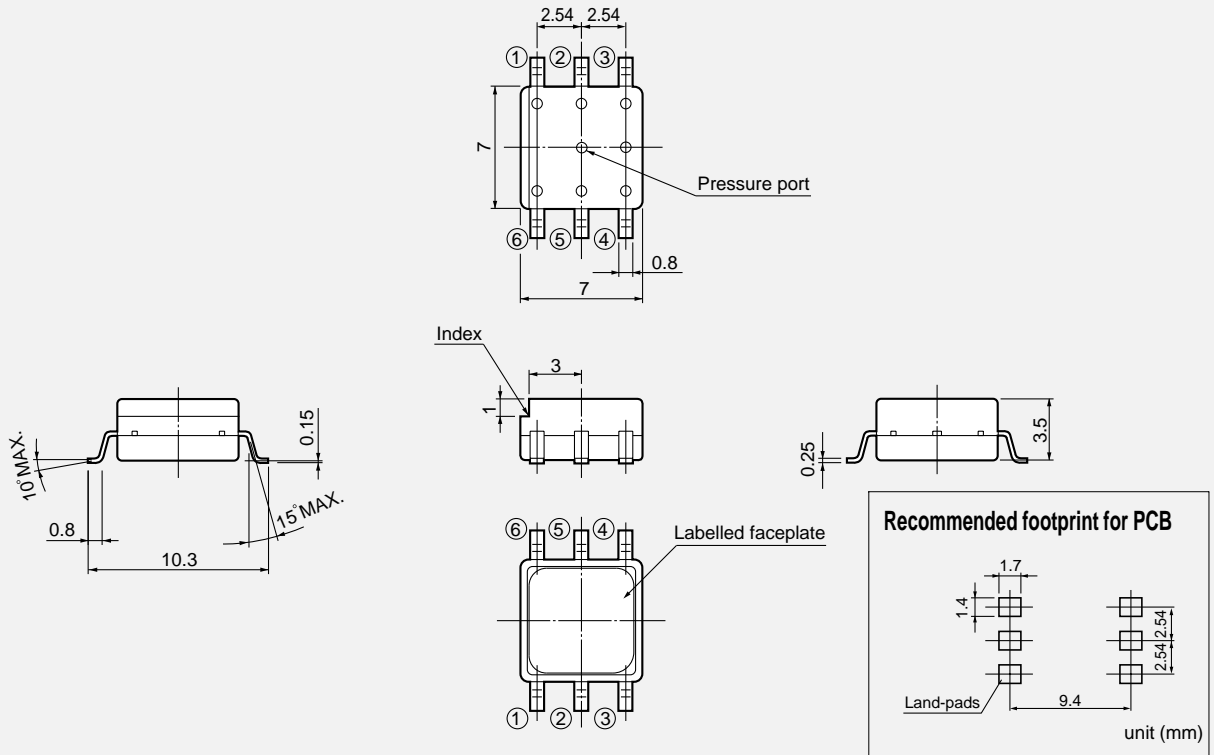
Unit (mm)



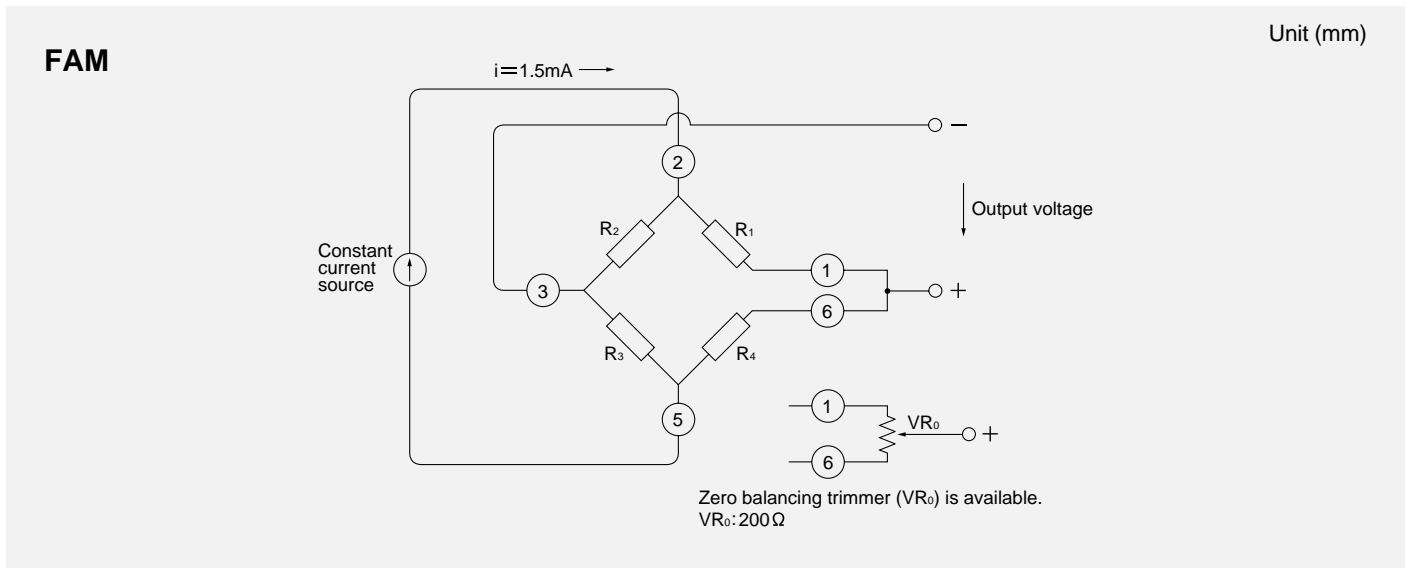
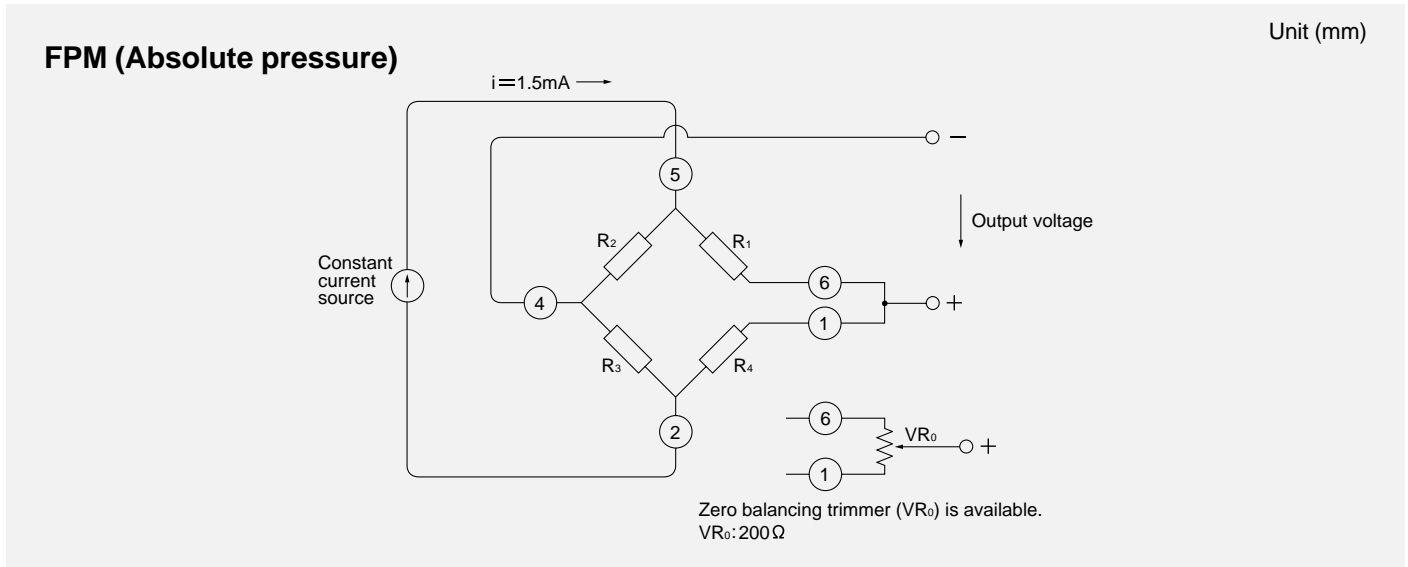
■ Outline dimensions ■

Unit (mm)

FAM



■ Connection diagram ■



Note ; Please read instruction "Notes" before using the sensor.
 Fujikura reserves the right to change specifications without notice.

Fujikura Ltd.

If you have any questions regarding technical issues or specifications, please contact us.
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