

# Pressure Sensors

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## ABG • APG

Fujikoki custom manufactures and sells pressure sensors for use with air conditioners, heat pumps, and other temperature control devices.

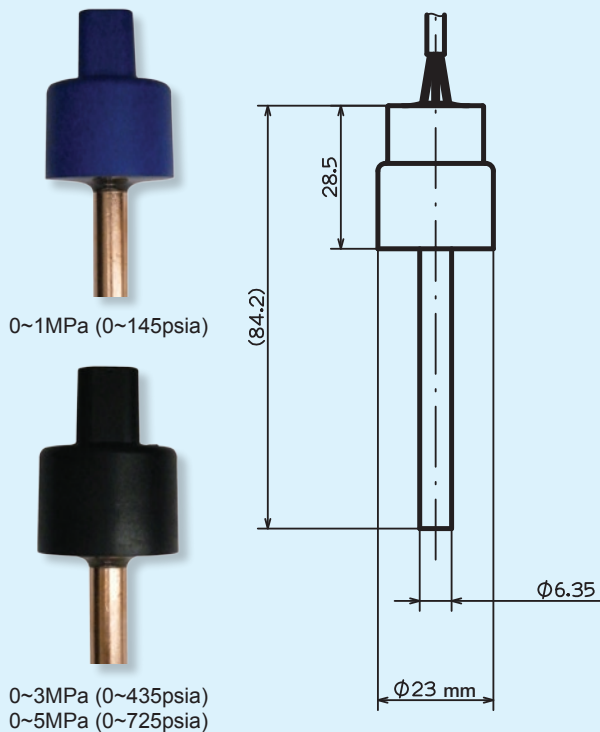
### Features

- High performance piezoresistive element (voltage output).
- Measures in absolute pressure.
- Stainless steel diaphragm provides long life and allows usage with various fluids.
- Compact and light weight with excellent water resistance.
- Wide operating pressure range.
- All wetted components are stainless steel and copper, compatible with most refrigerants.

SPECIFICATIONS	FUJIKOKI PRODUCTS	
	ABG	APG
Typical Pressure Ranges	0~1MPa (0~145psia) 0~3MPa (0~435psia) 0~5MPa (0~725psia)	0~10MPa (0~1,450psia) 0~15MPa (0~2,176psia)
Output Voltage	DC 0.5~4.5V	
Power Supply Voltage	DC 5V ± 5%	
Supply Current	10 mA maximum	
Ambient Temperature	-20°C~85°C (-4~185°F)	
Liquid Temperature	-30°C~120°C (-22~248°F)	
Water resistance	IP66	
Overall Accuracy	± 2.0%FS	
Proof Pressure	7.5MPaG (1,088psig)	22.5MPaG (3,263psig)
Burst Pressure	25MPaG (3,626psig)	45MPaG (6,527psig)

### ABG

Use: Lower pressure air conditioner, heat pump, etc.  
(Applicable refrigerant: R410A, R407C, R22, R32, etc.)



### APG

Use: High pressure air conditioner, heat pump, etc.  
(Applicable refrigerant: CO2, oil pressure, etc.)

