

Main Specifications	Other Specifications
<p>▼ <b>Pressure connection</b> Copper pipe</p> <p>▼ <b>Sealing</b> O-ring sealed Material: CR (Neoprene) / HNBR (Hydrogenated Nitrile)</p> <p>▼ <b>Electrical connection</b> Packard (3-wire)</p> <p>▼ <b>Pressure range</b> 0...1.2MPa / 0...1.7MPa / 0...2MPa / 0...3MPa / 0...4.15MPa / 0...5MPa Other pressure range is available made-to-order</p> <p>▼ <b>Pressure type</b> Gauge pressure</p> <p>▼ <b>Applicable refrigerant</b> CR O-ring sealing: R12, R22, R134a, R404A, R407C, R410A, R507 HNBR O-ring sealing: R134a, R404A, R407C, R410A, R507</p> <p>▼ <b>Applicable fluid</b> Gas and liquid that compatible with copper alloy and ceramic</p> <p>▼ <b>Temperature range</b> Operating temperature: -30~+105°C Storage temperature: -40~+125°C</p> <p>▼ <b>Application</b> Refrigeration industry</p> <p>▼ <b>Protection level</b> IP 65</p>	<p>▼ <b>Housing material</b> Brass</p> <p>▼ <b>Supply voltage</b> 5±0.25 VDC</p> <p>▼ <b>Supply current</b> ≤ 8mA</p> <p>▼ <b>Output signal</b> 0.5 ~ 4.5 VDC</p> <p>▼ <b>Over-voltage</b> 16.5 VDC</p> <p>▼ <b>Reversed over-voltage</b> -14.5 VDC</p> <p>▼ <b>Electric strength</b> 1500VAC/1min</p> <p>▼ <b>Measuring elements</b> Ceramic capacitive pressure sensor</p> <p>▼ <b>Response time</b> 10 ms (max)</p> <p>▼ <b>Accuracy</b> ±1.0% F.S. / ±2.0% F.S.</p> <p>▼ <b>Operating pressure</b> Overpressure: 2* full scale Burst pressure: 5* full scale</p> <p>▼ <b>Electromagnetic field</b> ±10V/m</p> <p>▼ <b>Static electricity</b> Air discharge: ±8kV Contact discharge: ±4kV</p> <p>▼ <b>Other requests (Option)</b> Third party notarized documents Inspection report Tag</p>

## Pressure Transmitter (For Variable Refrigerant Flow Air-Conditioning System) Model: PT-VRFAC1350



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

### Features

- OEM service
- Low power consumption
- Positive and negative over-voltage protection
- High overload and electrical strength
- Anti-salt spray
- EMC comply with CE & IEC standards

### Electromagnetic Compatibility Table

Test Standard	Test Method
GB17626-2 ESD Immunity Test	Reservoir Capacitor: 150pF Discharge Resistance: 330Ω; Discharge times: 10 Test Level: (1) Air Discharge: ± 15kV (2) Contact Discharge (to case): ± 8kV ; (3) Contact Discharge (to line): ± 2kV ;
GB/T 17626.3 Radio frequency electromagnetic susceptibility	EFI: 3V/m Frequency: 80~1000MHz
GB/T 17626.4 Electrical fast transient (EFT)	Test Level: 2 <sup>nd</sup> level Voltage Peak: 1kV Repeat Frequency: 5kHz
GB17626-5 Surge (impact) immunity test	Test Level: ± 2kV/m; Discharge Times: 3
GB17626-6 Conducted disturbances induced by RF field immunity	Test Level: 3V Frequency Range: 0.15~80MHz

## How to order

PT-VRFAC1350		Pressure Transmitter (For Variable Refrigerant Flow Air-Conditioning System)			
Code	Pressure range				
P1	0...1.2MPa				
P2	0...1.7MPa				
P3	0...2MPa				
P4	0...3MPa				
P5	0...4.15MPa				
P6	0...5MPa				
O	Others				
Code	Sealing material				
CR	CR				
HNBR	HNBR				
Code	Accuracy				
1	± 1.0% F.S.				
2	± 2.0% F.S.				
Code	Output signal				
V	0.5 - 4.5 VDC				
O	Others				
PT-VRFAC1350	P1	CR	1	V	Order example: PT-VRFAC1350-P1-CR-1-V