

AJAY SENSORS & INSTRUMENTS

SS204 Series Air-Condition Pressure Transmitter

Application

- 1, Discharge and suction pressure monitoring
- 2, Subcooling and superheat calculations
- 3, Compressor oil pressure monitoring
- 4, Condenser fan control
- 5, Compressor staging and unloading
- 6, Electronic expansion valve control
- 7, Remote systems diagnostics and trending



Performance and parameters

Supply Voltage	4.5 to 5.5VDC; 12~36 VDC;
Output Signal	0.5~4.5VDC; 0~5VDC
Measuring Range	0~100KPa~10MPa
Proof Pressure	≤10MPa
Accuracy	0.5%; 1%
Operating Temp	-20~120°C
Storage Temp	-40~120°C

Mechanical Configuration

Pressure Port	1/4NPT; G1/4; M10
Electrical connection	3 pin Packard
Sealing Rating	IP65
Housing①	Brass
Housing②	Stainless Steel
Diaphragm③	Cerimac
Diaphragm④	Diffused Silicon

Technical Requirements

Pressure (MPa)	0	0.2	0.4	0.6	0.8	1	Tolerance allowed
Output Voltage (V)	0.5	1.3	2.1	2.9	3.7	4.5	±0.05V

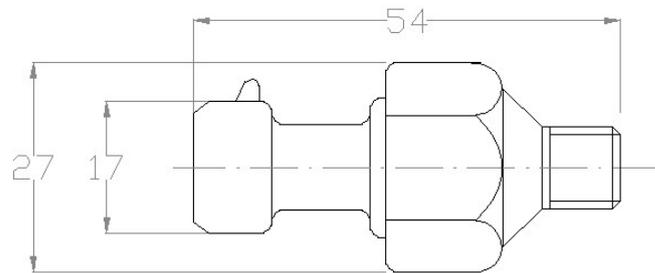
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No 45/17, Gubbanna Industrial Garden, VI Block, Rajajinagar,

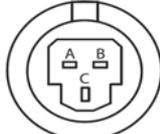
BANGALORE 560010

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Drawings



Electrical Connections

3-pin Packard 	Pin	Funcion	Color	Pin	Funcion	Color
	A		---		Com	Black
	B		---		Supply V+	Red
	C				Output +	Blue

Ordering Guide

Model	Pressure Range	Power Supply	Output Signal	Pressure Port	Electric Connection	Accuracy	Other
SS204-01							---
SS204-01	0~1MPa	5V	0.5~4.5V	M10	3 pin Packard	1%	

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