

Air Conditioner Pressure Sensor

Product model: IFST800 1400



The FST800-1400 pressure sensor is used to measure the refrigerant pressure in the air conditioning system for real-time monitoring, reducing idle speed and saving energy, etc. The product has the characteristics of fast response speed and good compatibility with measurement. Widely used in compressors, refrigeration and air-conditioning equipment, petroleum, chemical, industrial fluids and other equipment.

Features

- ✓ Excellent resistance to corrosion, wear and vibration
- ✓ Fast response, good compatibility with measuring medium
- ✓ Good product reliability and long service life

Scope of application

- ◇ Compressors, refrigeration and air conditioning equipment
- ◇ Petrochemical ◇ Industrial Fluid Equipment

Technical parameter

Measuring medium	R22、R407C、R134A	Service life	5 million full-scale cycles
Pressure range (bar)	0~200~46	Pressure port	Φ6*1.0 pipe connection
Signal output	0.5~4.5VDC	Load Resistance	10KΩ(typ.)
Signal Line Specifications	3 Wire	Overvoltage protection	16VDC
Supply voltage	5VDC	Reverse voltage	-14VDC
Accuracy	±1.5%FS	Supply current	10mA (max)
Full error band	±3%FS(-30~+100°C)	Output response	3mS
Operating temperature	-30~+100°C	Short circuit protection	Have
Storage temperature	-30~+120°C	Electrical connections	YAZAKI RK03FB
Overload pressure	200%FS	Protection class	Ip65
Destruction pressure	300%FS	Material	304 stainless steel
Vibration	11g(50~2000Hz)		



Product Dimensions

