

SYP-10 Series Conventional Pressure sensor



FEATURES

- Analog Voltage Output
- Capacitive Pressure (Absolute / Gauge)
- BOSCH 3Pin Connector

APPLICATIONS

Automotive

- Fuel system
- Hydraulic system
- Automotive HVAC

Industrial

- HVAC
- Thermal management
- Hydraulic system

PRODUCT SUMMARY

The **SYP-10** is a pressure measurement module based on the high universality.

It is used in various industries. The **SYP-10** is designed to be applied to refrigerant piping in automotive fuel systems, hydraulic systems, HVAC systems, etc.

The **SYP-10** is fully compensated, and It guarantees reliable operation in harsh media such as fuels, oils, and refrigerants.

SENSOR PERFORMANCE

Pressure

Detection range	0 ~ 10 bar
Accuracy	± 2.0 %FS
Proof Pressure	15.0 bar
Burst Pressure	20.0 bar

Electrical specification

Supply voltage	8 ~ 16V DC
Current consumption	10.0mA
Output voltage	0.5 ~ 4.5V

Environmental conditions

Operation Temperature	- 40 °C ~ 120 °C
Storage Temperature	- 40 °C ~ 120 °C
Size (mm)	H60×HEX24 Thread: M12×1.5