

TECHNOLOGY

**HOLYKELL®**

# **HTS101**

## **TEMPERATURE**

**• DATASHEET •**

**1. Pressure Measurement 2. Level Measurement 3. Temperature Measurement**  
**4. Flow Measurement 5. Display & Control Instruments**  
**6. Wireless Monitoring System 7. Velocity Measurement**

# HTS 101

## High Performance Temperature Sensor

### Applications

- Pipeline and ventilation system
- Hydraulic and pneumatic system
- Petrochemical industry
- Air compressors
- Cooling system
- Heating system
- Air conditioning system (HVAC)
- Automatic system temperature measurement and control
- Agricultural greenhouses

### Features

- Excellent long time stability
- Low consumption
- Fast response and high accuracy
- Simple installation and multifarious-temp scope
- Gas and liquid medium available
- Various linear analog signal output optional
- Automotive compensation digital circuits
- High-efficient RFI & EMI resistance

### Profiles

HTS101 economic temperature sensor is designed with high performance. It features a compact size with excellent long time stability and high accuracy.

HTS101 temperature sensor provides highly accurate temperature measurement for a wide variety of applications, especially for air compression systems and HVAC system.

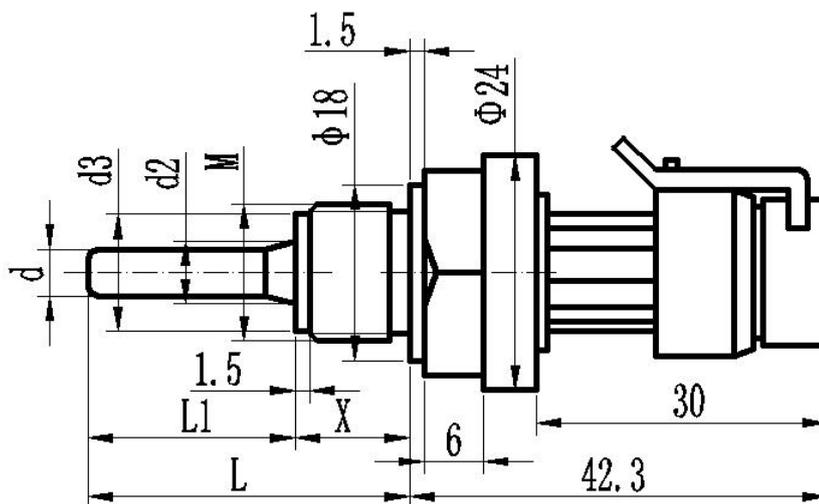
Holykell can provide a cost effective solution for temperature detection and monitoring for a variety of applications. Welcome your inquiry.



### Specifications

Parameter	HTS101
Range	0~100°C / -20~100°C / -30~125°C / -40~150°C / -50~150°C / -50°C~200°C (by customized)
Sensor type	Thin film Pt100 resistor
Accuracy	Class A ( $\pm 0.15\% + 0.002   t  $ )
Output signal	Resistance value
Response time	15s (typical)
Insulation resistance	$\geq 100M\Omega$ (500V DC)
Insulation class	2.5KV DC
Shell material	304 stainless steel
Outlet method	Packard 3 pins connector directly outlet
Outlet cable length	Non-cable (typical) or by customize cable length.

### Dimensions and Drawing



Unit: mm