

# A70H-HTP

Humidity, Temperature and Pressure Sensor  
Only

A70H-HTP-S  
Humidity, Temperature and Pressure Sensor  
with Shield

## FEATURES

- Available with Solar Radiation Shield (A70H-HTP-S)
- Comes Standard as A70H-HTP Sensor Only

## APPLICATIONS

- Building Automation and Controls
- Environmental Monitoring

## SPECIFICATIONS

Range:	Humidity - 0-100% R.H. Temperature - -40°C to 60°C Pressure - 10-110kPa (100-1100 mbar)
Resolution:	Humidity - 0.5% R.H. Temperature - 0.1°C Pressure - 0.1 mbar
Accuracy:	Humidity - $\pm 3\%$ R.H. Temperature - $\pm 0.5^\circ\text{C}$ Pressure - $\pm 1$ mbar
Electrical:	Power Supply - 12-24 VDC Output Signal - MODBUS RTU - RS485 Current Consumption - $< 20\text{mA}$
Operating Temperature:	-40°C to 60°C
Ingress Protection:	IP65/NEMA4
Storage Conditions:	10°C to 60°C @ 20% to 90% R.H.
Weight:	120g / 4.2 oz (With Shield, 730g / 1.6 lbs)
Materials:	ABS, Aluminum, Stainless Steel
Radiation Shield Dimensions:	7"D x 12"H



A70H-HTP



A70H-HTP-S