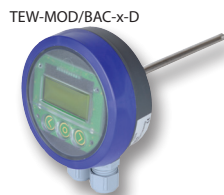


TEW/TEPS/TEO Active/Modbus/BACnet Plant and Outside Temperature Sensors



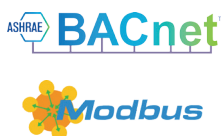
GENERAL FEATURES FOR ACTIVE SENSORS

**Illuminated display, indicator & control unit** with autoadapt and capacitive buttons. The duration of backlight, contrast, display (temperature, flow or alternating) and temperature unit can be set via the menu.

**5-point calibration:** linear interpolation of the output curve over 5 user-defined points. **10 offset points:** linear shift of characteristic curve the output signal via 10-level rotary switch. **Captive lid** with 8-way positioning.

**10 Measurement Ranges** set via rotary switch.

**Modbus and BACnet communicating** sensors offer network connectivity to BMS systems.



GENERAL TECHNICAL DETAILS

**Power Supply:** 15..35Vdc / 15..30Vac <85mA  
**Temperature Ranges:** 10 Ranges: -50..+200°C, -50..+50°C, -30..+60°C, 0..+50°C, 0..+150°C, -20..+150°C, -20..+80°C, 0..+40°C, 0..+100°C, 0..+200°C, adj. via rotary switch  
**Perm. Ambient Temp:** -20..+70°C  
**Perm. Medium Temp:** -50..+120°C  
**Output (A Models):** 1 x 0..10Vdc/4..20mA - Temperature  
**Communication (MOD/BAC Models):** BACnet MS/TP or Modbus RTU/ASCII  
 Address: 1..127, Baud Rate: 9k6/19k2/38k4/57k6  
**Enclosure Protection Class:** IP65 Including Seal  
**Enclosure:** Plastics Grey/Blue, M16 Gland  
**Terminals:** Spring Terminals 0.2..1.5mm<sup>2</sup>

TEO Outside Active Temperature Sensors, Modbus/BACnet Option

TEPS are for measuring the outside temperature, and measuring temperature in humid conditions, such as cooling / greenhouses.

PART NO	DESCRIPTION	PRICE
TEO-A	Outside Temperature Sensor, 0..10V / 4..20mA	£64.00
TEO-A-D	Outside Temperature Sensor, 0..10V / 4..20mA, Display	£98.00
TEO-MOD	Modbus Outside Temperature Sensor	£84.00
TEO-MOD-D	Modbus Outside Temperature Sensor	£118.00
TEO-BAC	BACnet Outside Temperature Sensor	£84.00
TEO-BAC-D	BACnet Outside Temperature Sensor	£118.00
D-SER	Display Module / Service Tool for Round Sensors	£38.00

TEW Immersion/Duct Active Temperature Sensors, Modbus/BACnet Option

TEW temperature sensors (active) for measuring the temperatures of liquids in pipelines, vessels through immersion sleeves or appropriate for measuring temperatures in air ducts on mounting flange.

**Mounting:** Pipe: Using ATM-100/AT-100  
 Duct: Using FL-6

PART NO	DESCRIPTION	PRICE
TEW-A-100	Duct/Immersion Temperature Sensor, 0..10V / 4..20mA	£44.00
TEW-A-100-D	Duct/Immersion Temperature Sensor, 0..10V / 4..20mA, Display	£78.00
TEW-MOD-100	Modbus Duct/Immersion Temperature Sensor	£64.00
TEW-MOD-100-D	Modbus Duct/Immersion Temperature Sensor	£98.00
TEW-BAC-100	BACnet Duct/Immersion Temperature Sensor	£64.00
TEW-BAC-100-D	BACnet Duct/Immersion Temperature Sensor	£98.00
ATM-100	Nickel Plated Brass Pocket, 100mm (use to mount TEW sensors to water)	£6.60
AT-100	Stainless Steel 1.571 Pocket, 100mm (use to mount TEW sensors to water)	£12.00
FL-6	6mm Diameter Duct Mounting Flange (use to mount TEW sensors to duct)	£2.40

TEPS Pipe Strap-On Active Temperature Sensors, Modbus/BACnet Option

TEPS are temperature sensors (active) for measuring the temperatures on pipe surfaces. The sensors include cable ties for Ø 10 – 75 mm pipe diameter and thermal pad. Optional metal clamping straps available for larger diameters.

**Mounting / Nominal Diameter:** With Two Cable ties for Pipe 10..75mm Diameter.  
 Or use optional metal pipe strap-on.

PART NO	DESCRIPTION	PRICE
TEPS-A	Pipe Strap-On Temperature Sensor, 0..10V / 4..20mA	£52.00
TEPS-A-D	Pipe Strap-On Temperature Sensor, 0..10V / 4..20mA, Display	£86.00
TEPS-MOD	Modbus Pipe Strap-On Temperature Sensor	£72.00
TEPS-MOD-D	Modbus Pipe Strap-On Temperature Sensor	£106.00
TEPS-BAC	BACnet Pipe Strap-On Temperature Sensor	£72.00
TEPS-BAC-D	BACnet Pipe Strap-On Temperature Sensor	£106.00
SB-K01	Chrome Steel Metal Clamp, With Folding Hinge for Ø 60 – 110 mm	£2.40
SB-01	Stainless Steel Metal Clamp, Without Folding Hinge for Ø 16 – 25 mm	£0.50