600e	Product Information	thermokon
TUU1- Series (T)	Universal Temperature Active Sensor	asia pacific

The TUU1-Series is designed to measure temperature for universal use. The sensor can be used for air temperature or water temperature measurements. The sensor output is active.



Use

Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System

Universal temperature measurement in air and water applications

Used in all common HVAC applications

Used in Commercial and Industrial Buildings

atures

Sensor with passive output

Different pocket and cable lengths for all common HVAC applications

High performance, silicon cables

Professional and practical product design, withstands rough environmental conditions

Easy to use, install and maintain

Product Range

	Sensor Output		Cable Length		Pocket Length	
Model	0-10V	4-20mA	1000mm	2000mm	50mm	150mm
TUU1.EA	•		•		•	
TUU1.ED		•	•		•	
TUU1.FA	•			•	•	
TUU1.FD		•		•	•	
TUU1.GA	•		•			•
TUU1.GD		•	•			•
TUU1.HA	•			•		•
TUU1.HD		•		•		•

Page	v
Power Supply   Power Supply   Power Supply   Power Supply	V
Power Supply   Power Supply   Power Supply   Power Supply   Frequency   Power Supply   Power Consumption   Power Supply   Power Consumption   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Strew terminal, max. 1.5mm²   Power Consumption   Type TUU.ED/FD/GD/HD   Strew terminal, max. 1.5mm²   Power Consumption   Power Cons	v
Power Supply   Power Supply   Power Supply   Power Supply   Frequency   Power Supply   Power Consumption   Power Supply   Power Consumption   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Strew terminal, max. 1.5mm²   Power Consumption   Type TUU.ED/FD/GD/HD   Strew terminal, max. 1.5mm²   Power Consumption   Power Cons	V
Power Supply   Failing to   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.EA/FA/GA/HA   \$0.45 \text{V}  (410 X) or DC 24V (410 X)	v
Power Supply   Failing to   Power Consumption   Power Consumption   Type TUU.ED/FD/GD/HD   Power Consumption   Power Consumption   Type TUU.EA/FA/GA/HA   \$0.45 \text{V}  (410 X) or DC 24V (410 X)	v
Power Supply	v
Type TUULEA/FA/GA/HA	v
Type TUULED/FD/GD/HD   Frequency   50 / 60 Hz at AG 24V	v
Propertion   Finguency   So / 60 Hz at AC 24V   Terminal Clamp   Screw terminal, max. 1.5mm³   Power Consumption   Type TUIJ.ED/FD/GD/HD   \$ 0.45W / C24V; \$ 0.85VA / DC 24   Type TUIJ.ED/FD/GD/HD   \$ 20mm / DC 24V   \$ 0.85VA / DC 24   Type TUIJ.ED/FD/GD/HD   \$ 20mm / DC 24V   \$ 0.85VA / DC 24	V
Perminal Clamp   Power Consumption   Type TUU1.EA/FA/GA/HA   \$ 0.45W / AC 24V; \$ 0.85VA / DC 24   Type TUU1.EA/FA/GA/HA   \$ 20mA / DC 24V   \$ 20mA / DC 24	v
Power Consumption	V
Type TUUI.EA/FA/GA/HA	V
Type TUUI_ED/FD/GD/HD	v
Mechanical Information   Sensor Pocket Diameter   Somm   Somm   Cable Length   Somm   1000mm   1000m	
Variable	
Cable Lead Diameter	
Cable Diameter	
Cable Entry   Top of the sensor pocket	
User Interface   None	
User Interface   None   White ABS, RAL9001 (Cream White)	
Color and Materials  Housing Cover Housing Bottom  Lock Screws  Lock Nuts  Cable Gland  Gland Rubber Seal  Protection Caps  Sensor Pocket  Cable  Cab	
Housing Bottom Lock Screws US:AISI 304; EU: EN X 6 CrNi 18 10; Cident White) Lock Screws Lock Nuts Cable Gland Gland Rubber Seal Protection Caps Red ABS, RAL2002 (Vermilion) White TBS, RAL9010 (Pure White) Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Sensor Pocket US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Sensor Pocket US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Sensor Pocket US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Sensor Pocket Cable Red Silicon, RAL 3001 (Signal Red) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Sensor Pocket US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red Silicent Caps Red ABS, RAL2002 (Vermilion) IO:X:AISI 304; EU: EN X 6 CrNi 18 10; Cident Caps Red Silicent Caps Red Silic	
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Transport Temperature Transport Humidity Storage Temperature Storage Humidity Norms and Directives IP- Rating Safety Class Product Standard 1 Product Standard 2 CE Conformities to CE Electromagnetic Compatibility Emitted Interference CE Electromagnetic Compatibility Interference resistance RoHS Compatibility Operation Climatic Condition Transport Mechanical Condition Storage Mechanical Condition Storage Mechanical Condition FIG. 60 721-3-1 Storage Mechanical Condition IEC 60 721-3-1 to class2M2 III to EN 60 721-3-1 Interference -39% r.h. Po% r.h.	W.N.
Transport Temperature Transport Humidity Storage Temperature Storage Humidity Norms and Directives IP- Rating Safety Class Product Standard 1 Product Standard 2 CE Conformities to CE Electromagnetic Compatibility Emitted Interference CE Electromagnetic Compatibility Interference resistance RoHS Compatibility Operation Climatic Condition Transport Mechanical Condition Storage Mechanical Condition Storage Mechanical Condition FIG. 60 721-3-1 Storage Mechanical Condition IEC 60 721-3-1 to class2M2 III to EN 60 721-3-1 Interference -39% r.h. Po% r.h.	ER: W.N.
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Terminal Connection	
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1 2 3 1 2	
Connection  Out Temp  010V  24V DC  CAND  AC/DC	
Onnec	
8   London Londo	
TUU1.EA/FA/GA/HA TUU1.ED/FD/GD/HD	
Accessories None	
Shinning & Handling Minimum Order	
Shipping & Handling Minimum Order 1 box with 10 pieces Product Dimension (L x W x H) / ~Weight 58mm x 46mm x 1080mm / 120gr.	
Product Dimension (L x W x H) / ~Weight 58mm x 46mm x 1080mm / 120gr.  Transport and Storage dimension (L x W x H) / ~Weight 195mm x 95mm x 65mm / 285gr.	
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All Information and technical data are subject to alteration  TUU1- Series (T) V2.0	.EA

