

The TRW1-Series is designed to measure temperature in rooms or areas. The temperature sensor output is active. It is also available with a potentiometer for set point adjustment, rotary switch for fan stage adjustment, LED for status indication and a button for presence acknowledgement.



Use

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

Temperature measuring in rooms and areas

Used in all common HVAC applications

Used in Commercial and Industrial Buildings

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Sensor with active output

Optional with potentiometer for set point adjustment and/or LCD display

Optional LCD display, potentiometer for set point adjustment and presence button

Optional potentiometer for set point adjustment, presence acknowledgement and 3-stage fan switch

Easy to use, install and maintain

Product Range

	Operating Element						Sensor Output	
Model	Set point adjustment	Fan stage adjustment	Presence detection	Status response	LCD	010V	420mA	
TRW1.AA						•		
TRW1.BA					•	•		
TRW1.CA	•					•		
TRW1.DA	•				•	•		
TRW1.KA			•	•	•	•		
TRW1.FA	•	•		•		•		
TRW1.AD							•	

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Product Standard 2 2009/EN 60 730-1 CE Conformities to 2004/108/EG Electromagnetic Compatib CE Electromagnetic Compatibility Emitted Interference 2000/EN60730-1 Emitted Interference		Sensor Specification	Measured	Temperature			
Control   Preserved   Preser	tion		Sensor Characteristics	Active			
Committed   Comm			Sensor Output (s)	See Product Range, Page 1			
Color and Materials   Color and Color and Materials   Color and Materials   Color and Materials   Color and Color and Materials   Color and Materials   Color and Color and Materials   Color and Ma	, at		Output Load				
Color and Materials   Color and Color and Materials   Color and Materials   Color and Materials   Color and Color and Materials   Color and Materials   Color and Color and Materials   Color and Ma	ĕ			Min. load 5kΩ @ AC/DC 24V			
Commonwealth   Conditions   C	ĕ						
Page   TRIVILAD   A CANDATANA   SpC   L-30°C   CSC   L-30°C   CSC   CSC   L-30°C   CSC	S						
Page 1797/LASA / ACADA/FA/VA   15 C. 1.15 C.	P		•				
Type   TWILDAY   Type	sus			0 0 30 0			
Page	S			-1E <sup>0</sup> C +3E <sup>0</sup> C, O <sup>0</sup> C 1EO <sup>0</sup> C			
Power Supply   Programmer   P	,						
Page   The Continue		Floatrical Information		-30 6+30 6, -13 6+30 6			
Page   Taylor   Terminal Clamp   So   15-24 V (10X)   Finagement   So   6 M to 14 AC 24V   Finagement   So   6 M to 14 AC 24V   S   0.55VA / DC 24V   Terminal Clamp   Power Committed   Taylor Terminal Clamp   So   0.4W / AC 24V   \$ 0.55VA / DC 24V   Type TRVII.AV/CA/TA   \$ 20mA / DC 24V   \$ 0.55VA / DC 24V   \$ 0.55VA / DC 24V   \$ 0.55VA / DC 24V   \$ 0.50W / AC 24V   \$ 0	ļ	Electrical information		AC 15 24V (+10%) or DC 24V (+10%)			
Picquancy   Terminal Clamp   Society Herminal, max. 1.5mm²			•				
Terminal Clamp   Power Consumption   Power Consumption   Type TRIVIT.AC   CAPA   CAPA   CAPA   CAPA   CAPA   CAPA   Type TRIVIT.AC   CAPA			•				
Prosect Consumption   Type TRWIT AAV CA VAV, \$ 0,85VA / DC 24V   Type TRWIT AAV CA VAV, \$ 0,85VA / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0.67 / AC 24V; \$ 0,85VA / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0.67 / AC 24V; \$ 0,85VA / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0.67 / AC 24V; \$ 1 0 0.67 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0.67 / AC 24V; \$ 1 0 0.67 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0.67 / AC 24V; \$ 1 0 0.67 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0 0 0 0 0.07 / AV / DC 24V   Type TRWIT AAV CAVAVA   \$ 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
Type TRWI AA/CA/FA   \$ 0.04W / AC 24V; \$ 103 PO 24V   Type TRWI BA/DA/KA   \$ 0.06W / AC 24V; \$ 104 A DC 24V   Type TRWI BA/DA/KA   \$ 0.06W / AC 24V; \$ 104 A DC 24V   \$ 0.06W / AC 24V   \$ 0.			·	Screw terminal, max. 1.5mm²			
Type TRWILAD							
Mechanical Information   Cable Entry   Sensing Element Position   Inside the housing, up of the housing to th			Type TRW1.AA/CA/FA	≤ 0.4W / AC 24V; ≤ 0.85VA / DC 24V			
Mochanical Information   Cable Entry   Sensing Element Position   Inside the housing, top of the housing User Interface   Set Point Adjustments	ļ		Type TRW1.AD	≤ 20mA / DC 24V			
User Interface    Set Point Adjustments   Set Point Agricultments	ļ		Type TRW1.BA/DA/KA	≤ 0.6W / AC 24V; ≤ 1VA / DC 24V			
User Interface   Set Point Adjustments   Type TRWILA/FA	l	Mechanical Information	Cable Entry				
Type TRWI_CA Type TRWI_DA/FA Set Point Symbols Presence Bution	l		Sensing Element Position				
Type TRWI_DA/FA  Set Point Symbols  Presence bittion  NC contact, max 600mW  Presence LED  Fan Switch  Fan Switch Symbols  Daplay  Color and Materials  Colo	l	User Interface	Set Point Adjustments				
Set Point Symbols   Presence Button   NC contact, max 600mW   Presence LED   Presence ELED   Presence ELED   Presence ELED   Presence ELED   Presence ELED   Presence ELED   Presence E- Green LED illuminated   4 stages, max 5VA   0   1   11   11   11   11   11   11	ļ		Type TRW1.CA	R= 10kΩ, max 0.25W			
Presence Button Presence LED Display Presence LED Display Room Temperature White ASA, RAL 9010 (Pure White) Housing Botton User Element Indication Light Display Displa			Type TRW1.DA/FA	DC 010V / 0.5A			
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Fan Switch Fan Switch Symbols Display Color and Materials  Color and Mat			Presence LED				
Fan Switch Symbols Display Display Color and Materials  Color (Pure White)  White ASA, RAL 9010 (Pure White)  Core and Materials  Coparation Hearth and  Color (Pure White)  Core and Materials  Color (Pure White)  Color (Pure White)  Color (Pure White)  Core and Materials  Color (Pure White)  Col			Fan Switch				
Display   Room Temperature   White ASA, RAL 9010 (Pure White)   Housing Botton   White ASA, RAL 9010 (Pure White)   White ASA, RAL 9010 (Pure White)   User Element   User Element   White ASA, RAL 9010 (Pure White)   User Element   User Element   White ASA, RAL 9010 (Pure White)   User Element   User Element   White ASA, RAL 9010 (Pure White)   User Element   Use	_			-			
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Shipping & Handling  Minimum Order  Product Dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  90mm x 90mm x 35mm / 82gr		Accessories	Accessory not included in delivery	IRAU.A (IU6mmx1U6mm backplate)			
Shipping & Handling Minimum Order 1 box with 1 piece Product Dimension (L x W x H) / ~Weight 84.5mm x 84.5mm x 25mm / 66gr Transport and Storage dimension (L x W x H) / ~Weight 90mm x 90mm x 35mm / 82gr		L					
Product Dimension (L x W x H) / ~Weight 84.5mm x 84.5mm x 25mm / 66gr  Transport and Storage dimension (L x W x H) / ~Weight 90mm x 90mm x 35mm / 82gr		Shipping & Handling					
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Order Code See Product Range, Page 1, e.g. TRW1.A			Order Code	See Product Range, Page 1, e.g. TRW1.AA			
All Information and technical data are subject to alternation			All Information and technical data are subject to alternation				
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