

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.



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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

Features

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 buttor

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							•

Product Standard 2 2009/EN 60 730-1	Seaso Output Case   Output C		Sensor Specification	Measured	Temperature	
Description   Content	Dotario Load	Ę		Sensor Characteristics	Active	
Macazarry Respon (a)   Optional Morestrate Respon (b)   Optional Morestrate Respon (c)   Optional Morestrate Respon (c)   Optional Morestrate Respon (c)   Optional Morestrate Respon (c)   Type 1997/LAA/APA   -1907	Type   TRIVIN AVAINCE/ADM/TAYANA   Note that PACKED BY ACCUSED BY TYPE   TRIVIN AVAINCE   Note that PACKED BY ACCUSED B	atio		• '	See Product Range, Page 1	
Macarating Range (s)   Optional Microstratin Status (s)   Optional Microstration   Optional Mi	True   TRAN   ACKNOWN   ACKNOWN   TRANSPORT   TRANSP	fice				
Measuring Rings (s)   Optional Revealman Range (s)   Optional Ran	Accreage   Heavarding Range (a)   Cobrant Resource (Range (c)   Type TRIVIA ALVAD	eci				
Oct	Measuring Range (a)					
Type   TRYMAN / CAL / DATA / DATA   Type   TRYMAN / DATA   DATA / DATA	Optical Measure Progress   1-19CL, -19FQ, 07CL,19DC   Type TRWIN AVAIDA   Type TRWIN AVAIDA   1-19CL, -19FQ, 07CL,19DC   1-50FL, 19DC   1-5	õ		•		
Deciding Information	Control showedon	ens				
	Power Supers	ώ.		Type TRW1.AA/AD	-15°C+35°C; 0°C150°C	
Type TRIVILAN_AGRACA_DAN_FA/AA   AC 15-24V (120%) or 02-24V (120%)	Typs TRWINAD ACADAPA/NA			Type TRW1.BA /CA/DA/FA/KA	-50°C+50°C, -15°C+50°C	
Type TRYN AD   DC 15-24V (201X)	Type TRIVILAD Frequency Fr		Electrical Information			
Properties   So / 60   Lis Al. 24V	Freeward Characteristics					
Terminal Course   Power Construction	Terminal Clamp   Paper Contamporal   Paper RVM ACCACTA   Type TRVM ACCACTA   Type TRVM ACCACTA   Type TRVM ACCACTA   S 0.04 / AC 24% 5 0.524 / C 2.4%   S 0.05 / AC 24%   S					
Power Consumption   Type TRIVIA.OLOFA	Power Consequents Type TRIVIA ACCAPA   S O AW / AC 24h   S O 8.V / AC					
Type TRVILAD	Type TRIVILAD Type TRIVILADA/TAK Cable Entry  Gable Entry  First PRIVILADA/FA  Type TRIVILADA/FA  Type Trivila			·	Colon Commen, max. Home	
Mechanical Information	Type TRYNISA/DA/A/A  Cable Entity  Sening Element Protein  General Element Protein  Service Interface  Set Plant Adjustmense  Type TRYNICA  Set Plant Adjustmense  Type TRYNICA  Type Tr			Type TRW1.AA/CA/FA	≤ 0.4W / AC 24V; ≤ 0.85VA / DC 24V	
Mechanical Information	See   Politic Color			Type TRW1.AD	≤ 20mA / DC 24V	
Description	Claim Interface   Set Point Againments   Type TRVILCA   Type TRV			Type TRW1.BA/DA/KA	≤ 0.6W / AC 24V; ≤ 1VA / DC 24V	
Upper   Interface   Set Prior A plastments   Type   TRYLCA   TrYL	Ibber Interface		Mechanical Information			
Type TRVI.CA	Type TRIVILOA/TA  Type TRIVILOA/TA  So Point Symbols  Presence Batter  Presence Batter  Presence ELD  Fan Switch  Fan Switch Fan Switch Fan Switch Symbols  Daplay  Color and Materials  Housing Core Housing Bottom Under Element Indication Light Daplay  Environmental Conditions  Operation Temperature Operation Light Daplay  Environmental Conditions  Operation Temperature Operation Temperature Operation Humility Transport Emperature Operation Humility Storage Humidity Storage Humidity Fin Bailing Service Storage Humidity Fin Bailing Fin Bailin		L		Inside the housing, top of the housing	
Type TRVI DAV FA   DC C10V / 0.5A	Type TRW LDL/TA  Set Point Symbols Presence Button Presence Button Presence Button Presence LED Presen		User Interface		D 4010	
Set   Date   Symbols   Presence   Button   NC contact, max 600mW	Set Priest Symbols Presence Batton Presence LED Presence LED Presence LED Presence LED Presence LED Presence CLED Presence Green LED illuminated # stages, max SVA O I II III Room Temperature White ASA, RAL 3010 (Pur White) White ASA, RAL 3010 (Pur White) White ASA, RAL 3010 (Pur White) Display Display Display Core Housing Bottom White ASA, RAL 3010 (Pur White) Display Display Display Display Core LED, RAL 5024 (Traffic Green) Display Display Display Display Core LED, RAL 5024 (Traffic Green) Display Displ					
Presence Button   Presence LED   P	Presence Button Presence LED Present Switch Peach Switch Poperation Po			· · · · · · · · · · · · · · · · · · ·		
Presence   ED	Pesentic EED Fail Switch Fail					
Fan Switch Symbols   Display   Room Temperature   White ASA, RAL 9010 (Pure White)	Color and Materials  Color and					
Display   Room Temperature   White ASA, RAL 9010 (Pure White)   Housing Gover   White ASA, RAL 9010 (Pure White)   Housing Bottom   White ASA, RAL 9010 (Pure White)   Housing Bottom   White ASA, RAL 9010 (Pure White)   Robot   R	Color and Materials    Display   Housing Cover   Housing Bottom   White ASA, RAL 9010 (Pure White)   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, RAL 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, Ral 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, Ral 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, Ral 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, Ral 6024 (Treffic Green)   Liquid Display, Black & White   Green LED, Ral 6024 (Treffic Green)   Liquid Display, Black & White   O'C+50°C   Green LED, Ral 6024 (Treffic Green)   Liquid Display   Liquid Disp			Fan Switch	4 stages, max 5VA	
Transport Temperature Transport Humidity Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x W x H) / ~Weight Transport and Storage dimension (L x	Color and Materials  Housing Bottom Housing Bottom User Element Indication Light Display Liquid	rmation		Fan Switch Symbols	_	
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Storage Temperature  Storage Municity  Norms and Directives  IP-3 to Lie EG60529  Safety Class  III to EN 60 730  Product Standard 1  Product Standard 2  CE Conformities to  CE Electromagnetic Compatibility Emitted Interference  CE Electromagnetic Compatibility Emitted Interference  CE Electromagnetic Compatibility Emitted Interference  CE Electromagnetic Compatibility Interference resistance  RoHS Compatibility Operation Climatic Condition  IEC 60 721-3-3  Operation Machanical Condition  IEC 60 721-3-2 to class2M2  Transport to Climatic Condition  IEC 60 721-3-2 to class2M2  Transport Mechanical Condition  IEC 60 721-3-2 to class2M2  Terminal Connection  Terminal Connection  Terminal Connection  Terminal Connection  Accessories  Accessories  Accessory not included in delivery  TRADA (106mmx106mm backplate)  Transport Accessory not included in delivery  TRADA (106mmx106mm backplate)  Transport Accessories  Accessories  Accessories Accessory not included in delivery  TRADA (106mmx106mm backplate)  Transport Accessories  Accessories Rigid Cardboards Packaging  Minimum Order  Product Dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Transport and Storage dimension (L	Storage Temperature Storage Humidity IP- Rating IP-30 Life-Sc529 III to EN 60 730 Automate Electric. Controls for household and similar use 2009/FN6 07 30-1 CE Conformities to CE Electromagnetic Compatibility Interference CE Electromagnetic Compatibility Interference resistance RoHS Compatibility Operation Climatic Condition Transport to Climatic C					
Storage Humidity   Storage Mechanical Condition   IEC 60 721-3-2 to class2M2   III to Expose Humidity   Storage Mechanical Condition   IEC 60 721-3-2 to class2M2   IEC 60 721-3-1 to class2M2   IEC 60	Storage Humidity  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 to Climatic Condition  Transport to Climatic Condition  Storage Climatic Condition  Temminal Connection  Terminal Connection  Transport Mechanical Condition  Storage Mechanical Condition  Transport Mechanical Condition  Transport Mechanical Condition  Storage Mechanical Condition  Terminal Connection  Terminal Connection  Terminal Connection  Transport Mechanical Condition  Transport Mechan			Transport Humidity	< 90% r.h.	
Norms and Directives   IP- Rating   IP-30 to IEC60529   III to EN 60 730   Product Standard 1   Automatic Electric. Controls for household and similar 2009/EN 60 730-1   Product Standard 2   2009/EN 60 730-1   EC 60 730-1   CE Conformities to   2004/108/EG Electromagnetic Compatibility Emitted Interference   2000/EN60730-1   Entried Interference   2000/EN60730-1   EC 60 721-3-2 to class2M2   EC 60 721-3-1   EC 60 721-3-2   EC 60 721-3-1   EC 60 721-3-2   EC 60 721-3-2   EC 60 721-3-2   EC 60 721-3-1	Norms and Directives  IP- Rating Safety Class Product Standard 1 Product Standard 2 Produ			Storage Temperature	-10°C+70°C	
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CE Conformities to  CE Electromagnetic Compatibility Emitted Interference  CE Electromagnetic Compatibility Emitted Interference  CE Electromagnetic Compatibility Interference resistance  RoHS Compatibility  Operation Climatic Condition  Operation Mechanical Condition  Transport Mechanical Condition  IEC 60 721-3-2  IEC 60 721-3-2 to class2M2  IEC 60 721-3-2  IEC 60 721-3-2  IEC 60 721-3-1  IEC 60 721-3-1  Storage Climatic Condition  IEC 60 721-3-1  Storage Mechanical Condition  IEC 60 721-3-1  IEC 60 721-3-1 to class2M2  IEC 60 721-3-1  IEC 60 721-3-2  IEC 60 721-3-1  IEC 60 721-3-2  IEC 60 721-3-1  IEC 60 721-3-1	CE Conformities to 2004/108/EG Electromagnetic Compatibility Emitted Interference 2000/EN60730-1 Imitted Interference 2000/EN60730-1 Imitted Interference 2000/EN60730-1 Interference 2000/EN60730-1 Interference 2000/EN60730-1 Interference 2000/EN60730-1 Interference 2000/EN60730-1 Interference 2000/EN60730-1 Interference Resistance RoHS Compatibility Emitted Condition IEC 60 721-3-2 Interference Resistance RoHS Compatibility Emitted Condition IEC 60 721-3-2 Interference Resistance RoHS Compatibility Emitted Condition IEC 60 721-3-2 Interference Resistance RoHS 2011/65/EC IEC 60 721-3-2 Interference Resistance RoHS 2011/65/EC IEC 60 721-3-2 Interference RoHS 2011/65/EC IEC 60					
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Storage Mechanical Condition  Terminal Connection	Storage Mechanical Condition    IEC 60 721-3-1 to class2M2					
Terminal Connection    1	Terminal Connection    1					
Accessories  Accessory not included in delivery  TRAO.A (106mmx106mm backplate)  Shipping & Handling  Minimum Order  Product Dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Order Notes  Rigid Cardboards Packaging  1 box with 1 piece 84.5mm x 84.5mm x 25mm / 66gr.  Transport and Storage dimension (L x W x H) / ~Weight  Order Notes  Rigid Cardboards Packaging  Rigid Cardboards Packaging	TRW1.AA/BA/CA/DA/FA/KA  TRW1.AD  Accessories  Accessory not included in delivery  TRA0.A (106mmx106mm backplate)  Accessories  Accessory not included in delivery  TRA0.A (106mmx106mm backplate)  I box with 1 piece  Product Dimension (L x W x H) / ~Weight  Transport and Storage dimension (L x W x H) / ~Weight  Order Notes  All Information and technical data are subject to alteration		Terminal Connection	Giorage infectionical Contuition	IEO GO FEE S T TO CIASSEIVIE	
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