2010e		Product Information		the.cmokoo		
GRW1- Series (VOC)		Air Quality (VOC) Room Sensor		asia pacific		
The GI areas. compo	RW1-Series (VO The air quality is unds= mixed ga	C) is designed to measure the a s measured based on VOC leve ses). The air quality sensor outp	air quality in rooms or Is (VOC= volatile organic out is active.			
Use	Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System Air quality (VOC) measurements in rooms or a Used in all common HVAC applications Used in Commercial and Industrial Buildings					
Features	Sensor with active output On-site calibration possibility for air quality output Professional and practical product design, withstands rough environmental conditions Easy to use, install and maintain					
Product Range						
	Model	Sensor Output	Sensor Type			
	GRW1.A	A •	•			
Thermokon A	sia Pacific	All Information an GRW1- Serie	nd technical data are subject to alteration es (VOC) V2.0	Page 1/.		

atior		Measured	Gases VOC
		Sensor Characteristics	Active
S S		Sensor Output (s)	See Product Range, Page 1
ien scif		Output Load	Min. load $10 k\Omega$ @ AC/DC $24 V$
S Spe		Measuring Range (s)	0100% VOC
0)		Max. Over Pressure	0100% VOC
	Electrical Information	Power Supply	AC 15-24V (±10%) or DC 24V (±10%)
		Frequency	50 / 60 Hz at AC 24V
		Terminal Clamp	Screw terminal, max. 1.5mm ²
		Power Consumption	24V; 1.2W / 2.2VA
	Mechanical Information	Cable Entry	~30mm x 10mm on the backside
		Sensing Element Position	Inside the housing, top of the housing
	User Interface	Set Point Adjustments	Calibration point reset
		Display	Red LED illuminated = Adjust calibration point
	Color and Materials	Housing Cover	White ASA, RAL 9010 (Pure White)
		Housing Bottom	White ASA, RAL 9010 (Pure White)
Ľ	Environmental Conditior	Operation Temperature	-25°C+70°C
tic		Operation Humidity	<85% r.h., no condensation
na		Transport Temperature	-35°C+70°C
ло		Transport Humidity	< 90% r.h.
nfo		Storage Temperature	-10°C+70°C
_		Storage Humidity	< 85% r.h., no condensation
Ca	Norms and Directives	IP- Rating	IP30 to IEC60529
ir		Safety Class	III to EN 60 730
ş		Product Standard 1	Automatic Electric. Controls for household and similar use
Ĕ		Product Standard 2	2009/EN 60 730-1
		CE Conformities to	2004/108/EG Electromagnetic Compatibility EMV
		CE Electromagnetic Compatibility Emitted Interference	2000/EN60730-1 Emitted Interference
		CE Electromagnetic Compatibility Interference resistance	2000/EN60730-1 Interference Resistance
		RoHS Compatibility	RoHS 2011/65/EC
		Operation Climatic Condition	IEC 60 721-3-3
		Operation Mechanical Condition	IEC 60 721-3-2 to class2M2
		Transport to Climatic Condition	IEC 60 721-3-2
		Transport Mechanical Condition	IEC 60 721-3-2 to class2M2
		Storage Climatic Condition	IEC 60 721-3-1
		Storage Mechanical Condition	IEC 60 721-3-1 to class2M2
Connection		1 2 3 In O DOA DOA OU VO DOA NB DOA	
	Accessories	None	
es	Shipping & Handling	Minimum Order	1 box with 1 piece
ini		Product Dimension (L x W x H) / Weight	85mm x 85mm x 26mm / 65gr.
lle		Transport and Storage dimension (L x W x H) / Weight	90mm x 90mm x 35mm / 85gr.
ő		Package Material	Rigid Cardboards Packaging
/lis			
	Order Notes	Order Code	See Product Range, Page 1, e.g. GRW1.AA

