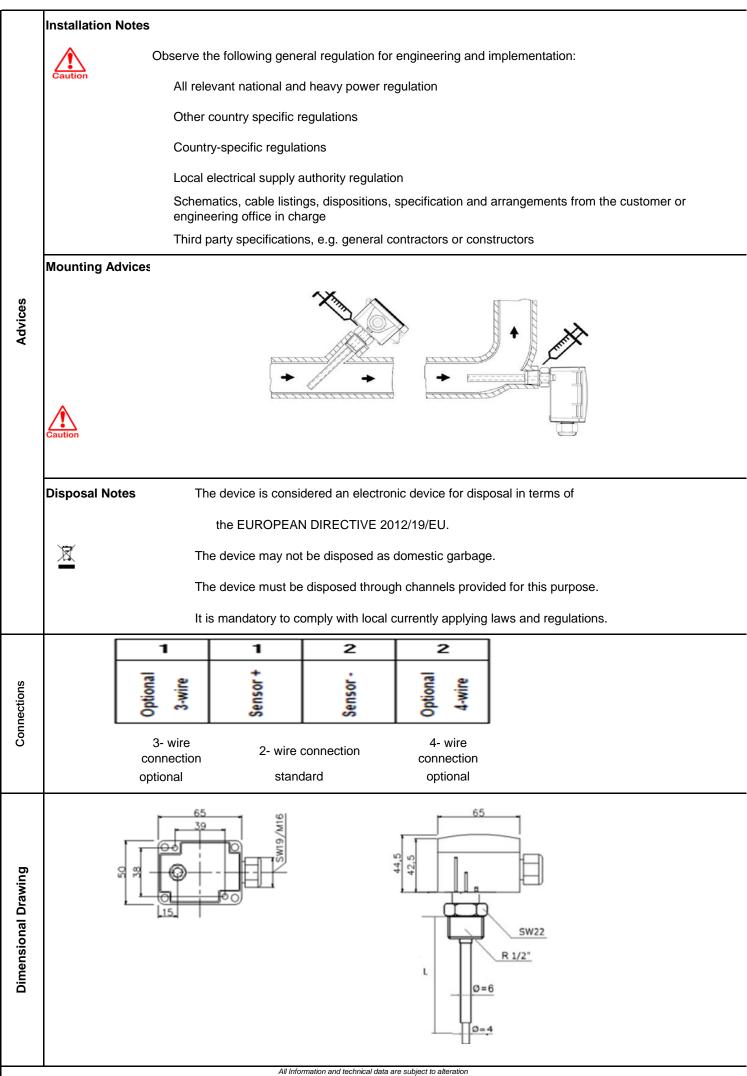
The T in wate The se respor	er pipes ensor, with na) is designed to m	-	nperature Se	nsor		therm				
The T in wate The se respor	PI2- Series (T er pipes ensor, with nat) is designed to m	with F								
in wat The se respor	er pipes ensor, with na) is designed to m		with Passive Output							
The se respor	ensor, with na		neasure temp	erature directl	y, without the	ermowell,	teres				
respor	-	in water pipes									
0		rrowed sensor tip	, is especially	y well suited if	a fast		- Marine	•			
	of temperature	changes are requ	uired								
Sever	al length are a	vailable to cover	all common d	luct sizes							
The te	emperature se	nsor output is pas	sive								
	Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System										
	Temperature measuring in water pipes (without accessory)										
Use	Used in heating or cooling applications with fast response time										
	Temperature measuring in water pipes (without accessory)										
	Used in HVAC and Industrial Applications										
	Active Sensor with narrowed sensor tip for fast response of temperature changes										
Ires	Different immersion length for all common water pipe sizes										
Features	Professional and practical product design, withstands rough environmental conditions										
	Easy to use, install and maintain										
,											
	Tuno Codo	Sensor		Immersion Pocket			1	Housing			
	Type Code	Outputs	Length	Diameter	TIP size	max. Pressur	e max. flow	Protection			
	TPI2.AF	PT100				PN40		IP65 to IEC60529			
	TPI2.AG TPI2.AP	PT1000 NTC10k		E			16m/s				
	TPI2.AQ	NTC10k Pre	50mm	a4mm	n/a						
	TPI2.AR	NTC20k		-							
	TPI2.AK	NI1000									
မီ	TPI2.GF	PT100	100mm				10m/s				
aŭ	TPI2.GG	PT1000									
Ř	TPI2.GP TPI2.GQ	NTC10k NTC10k Pre									
Product Range	TPI2.GQ	NTC10kPre NTC20k									
od	TPI2.GK	NI1000		EE BR	ø4x20mm						
Ľ ľ	TPI2.BF	PT100	150mm				S E B				
	TPI2.BG	PT1000									
	TPI2.BP	NTC10k									
	TPI2.BQ	NTC10k Pre NTC20k									
	TPI2.BR TPI2.BK	NIC20k NI1000									
	TPI2.CF	PT100					s,m8				
	TPI2.CG	PT1000	200mm								
	TPI2.CP	NTC10k									
	TPI2.CQ	NTC10k Pre									
	TPI2.CR	NTC20k									
	TPI2.CK	NI1000									

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	Sensor Specification	Measured	Temperature		
		Sensor Characteristics	Passive		
su		Sensor Output (s)	See Product Range, Page 1		
sensor specifications		Measuring Current	<1mA		
		Accuracy			
she		Sensor PT100 / PT1000	± 0.3K @ 0⁰C DIN EN 60751, class B		
		Sensor NTC	± 0.5K @ 25°C		
0		Sensor NI1000	± 0.4K @ 0⁰C DIN EN 43760, class B		
		Standard Measuring Range	0°C+100°C		
		Total Measuring Range	-50°C+150°C		
	Electrical Information	Terminal Clam	Screw terminal, max. 1.5mm ²		
	Mechanical Information	Immersion Rod Diameter	See Product Range, Page 1		
		Sensor TIP Lengths & Diameter	See Product Range, Page 1		
		Cable Entry	M16, Ø6Ø8mm cables		
		Sensing Element Posit	external, top of the immersion rod		
	User Interface	None			
	Color and Materials	Housing Cover	White ABS, RAL9001 (Cream White)		
		Housing Botton	White ABS, RAL9001 (Cream White)		
		Lock Screws	US:AISI 304; EU: EN X 6 CrNi 18 10; GEF W.N. 1.301		
		Lock Nuts	Brass		
		Cable Gland	Red ABS, RAL2002 (Vermilion)		
		Gland Rubber Seal	White TBS, RAL9010 (Pure White)		
		Protection Caps	Red ABS, RAL2002 (Vermilion) US:AISI 304; EU: EN X 6 CrNi 18 10; GEF W.N. 1.301 TPE (black)		
		Immersion Rod			
,		Cable			
Technical Infor	Environmental Conditic	Operation Temperature	-25°C+70°C		
		Operation Humidity	100% r.h., with condensation		
		Transport Temperature	-35°C+70°C		
		Transport Humidity	< 90% r.h.		
		Storage Temperature	-10°C+70°C		
r		Storage Humidity	< 85% r.h., no condensation		
	Norms and Directives	IP- Rating	IP65 to IEC60529		
		Safety Class	III to EN 60 730 Automatic Electric. Controls for household		
		Product Standard 1			
		RoHS Compatibility	and similar use RoHS 3, Directive 2015/863		
		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		
Miscellaneous	Accessories Mounting Kit, Included in delivery		UUK0.A		
5	Shipping & Handling	Minimum Order	1 box with 2 pieces, multiple of 2 pieces		
200		Package Material	Rigid Cardboards Packaging		
i		Order Code All Information and technical data are subject to alteratio	See Product Range, Page 1, e.g. TPI2.AF		

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Thermokon Asia Pacific

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