

## Kabelgivare för lagertemperatur

### Användningsområde

För mätning av lagertemperatur eller liknande med oljetätt och vibrations säker design.

### Mät kropp

Mätelement enligt IEC 60751 placerat i mätkroppens spets i material 1.4404 som är fylld med värmeledande pasta för snabb svarstid och skaksäker design.

Anslutningskabel med silikonisolering.

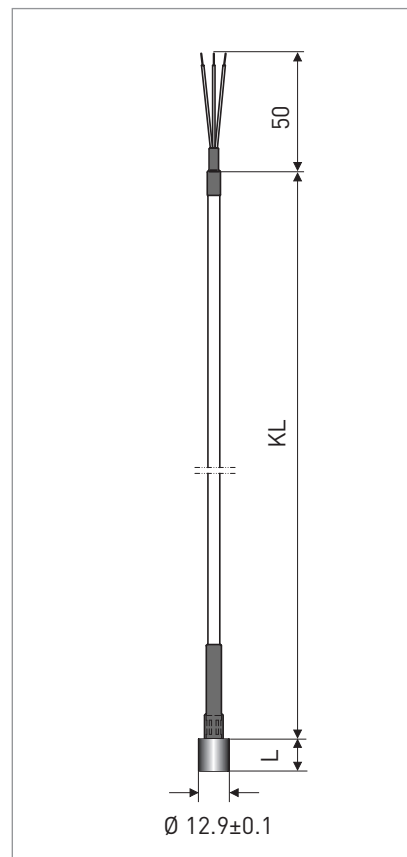
### Processtemperatur

-40...+150 °C (standard)

### Kapslingsklass

IP 67

För inkoppling, se sida 154.



Dimensioner i mm

Beställningskod  
för TRA-W60 med  
standardinställningar

V T E 2 4 6 0 2 3 2 A 0 0 3 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0

4

Detta är ett urval av de valmöjligheter som finns för denna givare. För komplett beställningskod se sidan 80.

#### 4. MÄTELEMENT

1	1x Pt100	2-tråd
2	1x Pt100	3-tråd
3	1x Pt100	4-tråd
4	2x Pt100	2-tråd
M	1x Pt1000	3-tråd
N	1x Pt1000	4-tråd

Type code for industrial thermometers													
VTE2	4	1. Type version											
	1	TRA-W 10	"cable, plug-in" (RKS)	4	TRA-W 40	"cable, surface", (RZS)	7	TRA-W 70	"cable, bayonet", (RTS)				
	2	TRA-W 20	"cable, surface", (RYS)	5	TRA-W 50	"cable, screw-in", (RLS)	8	TRA-W 80	"harsh cable plug-in"				
	3	TRA-W 30	"cable, surface", (RYT)	6	TRA-W 60	"oil-tight surface", (RLO)	A	TRA-W 90	"high temp. Cable plug-in", (RMK)				
	<b>2. Certificate</b>												
	0 without												
	1 Simpel Apparatus according to ATEX directives												
	<b>3. Cable material</b>												
	1	PVC	70°C	3	MFA / PFA	200°C	5	ELAX / PTFE	105°C	4-wire			
	2	Silicon	150°C	4	ETFE / KAPT	150*1 4-wire	6	TPEV	105°C	4-wire			
	<b>4. Measuring insert = sensor / wiring</b>												
	1	1x Pt100 2-wire		4	2x Pt100 2-wire		M	1x Pt1000 3-wire					
	2	1x Pt100 3-wire		5	2x Pt100 3-wire		N	1x Pt1000 4-wire					
	3	1x Pt100 4-wire											
	<b>5. Measuring insert / tolerance class</b>												
	2	Cl. A	TF	(tolerance class -30 ... +300°C)				4	Cl. A	WW	(tolerance class -100 ... +450°C)		
	<b>6. Thermowell material</b>												
	1	1.4404	316L	2	Brass		3	Copper		4 PTFE/Copper			
	<b>7. Protection tube size</b>												
	0	Ø 3 x 0,5 mm			4	Block 5 x 5 x 25 mm			7	Bolt M6			
	1	Ø 6 x 0,5 mm			5	Block 26 x 18 x 50 mm			8	Bolt M8			
	2	Ø 8 x 0,5 mm			6	Block 8 x 10 x 40 mm			A	Ø 6 x 12,9 mm SS			
									P	Form 4, Ø24 mm			
	<b>8. Process connection</b>												
	0 without												
	1	Compression fitting G1/8" SS									5	Mounting Band, DN300 (1000 mm)	
	2	Compression fitting G1/4" SS									7	Bayonet fitting M12x1	
	3	Compression fitting G1/2" SS									8	Bayonet fitting M12x1,75	
	4	Compression fitting G1/4" Brass									S	Compression fitting 1/2" NPT SS	
										F	Mounting flange		
	<b>9. Thermowell</b>												
	0 without												
	1	tube G1/2 Ø 8 x 1 L=75 mm				2	tube G1/2 Ø 8 x 1 L=175 mm				3	tube G1/2 Ø 8 x 1 L=275	
	<b>10. Immersion length</b>												
	0	13,5 mm		5	30 mm		C	200 mm		M	Form 4 D1 140/65 mm.		
	2	15 mm		6	50 mm		D	300 mm		N	Form 4 D2 200/125 mm		
	3	20,2 mm		A	100 mm		E	400 mm		P	Form 4 D4 200/65 mm		
	4	25 mm		B	150 mm		F	500 mm		R	Form 4 D5 260/125 mm		
	<b>11. Cable length</b>												
	1	0,5 m		6	4,0 m		C	9,0 m		H	25 m		
	2	1,0 m		7	5,0 m		D	10,0 m		K	30 m		
	3	1,5 m		8	6,0 m		E	12,0 m		L	40 m		
	4	2,0 m		A	7,0 m		F	15,0 m		M	50 m		
	5	3,0 m		B	8,0 m		G	20,0 m		Z	customised lengths		
	<b>13. Type of connection / rail mounted transmitter</b>												
	0 without												
	L	with rail mounted transmitter									//	APAQ R130	Basic, RTD
	A	with rail mounted transmitter									//	IPAQ-4L	Universal, 90 - 250 VAC
	B	with rail mounted transmitter									//	IPAQ-4L	Universal, 20 - 30 VDC
	C	with rail mounted transmitter									//	IPAQ R330	Universal [Ex]
	H	with rail mounted transmitter									//	IPAQ R520	Smart, HART, SIL2 [Ex]
	M	with rail mounted transmitter									//	IPAQ R530	Smart, HART [Ex]
	<b>14. Measuring range</b>												
	0 without												
	1	Customized Configuration			3	-50...+100°C			6	0...+100°C			
	2	-50...+50°C			4	-50...+150°C			7	0...+150°C			
					5	0...+50°C			8	0...+200°C			
	<b>15. Calibration report</b>												
	0* without												
	<b>Sensor calibration</b>												
	1	1-point (single)		room temperature									
	P	2-point (single)		0°, 100°C									
	R	2-point (double)		0°, 100°C									
	2	2-point (single)		0%, 100% of range									
	3	2-point (double)		0%, 100% of range									
	S	3-point (single)		0°, 50°, 100°C									
	T	3-point (double)		0°, 50°, 100°C									
	4	3-point (single)		0%, 50%, 100% of range									
	5	3-point (double)		0%, 50%, 100% of range									
	6	customised (single)											
	7	customised (double)											
	<b>Sensor + Transmitter calibration</b>												
	A	2-point (single)		0%, 100% of range									
	B	3-point (single)		0%, 50%, 100% of range									
	C	5-point (single)		0%, 25%, ..., 100% of range									
	<b>Sensor + Transmitter calibration with error correction</b>												
	E	2-point (single)		0%, 100% of range									
	F	3-point (single)		0%, 50%, 100% of range									
	G	5-point (single)		0%, 25%, ..., 100% of range									
	H	customised											

Vissa kombinationer är inte möjliga. Vänligen kontakta KROHNE Inor för ytterligare information.

