

VTS5		4		1. Type version			
		Screw-in Assembly		Flanged Assembly			
2	TRA-TS52	Straight Thermowell RTD	(52)	5	TRA-TF55	Straight Thermowell RTD	(55)
3	TRA-TS53	Tapered Thermowell RTD	(53)	6*	TRA-TF56	Tapered Thermowell RTD	(56)
4	TRA-TS54	Stepped Thermowell RTD	(54)	7	TRA-TF57	Stepped Thermowell RTD	(57)
G	TCA-TS52	Straight Thermowell TC	(52)	L	TCA-TF55	Straight Thermowell TC	(55)
H	TCA-TS53	Tapered Thermowell TC	(53)	M	TCA-TF56	Tapered Thermowell TC	(56)
K	TCA-TS54	Stepped Thermowell TC	(54)	N	TCA-TF57	Stepped Thermowell TC	(57)
				Socket weld-in Assembly		(58)	
				8	TRA-TW58	Straight Thermowell RTD	(59)
				A	TRA-TW59	Tapered Thermowell RTD	(58)
				P	TCA-TW58	Straight Thermowell TC	(59)
				R	TCA-TW59	Tapered Thermowell TC	
				Sensor assembly without thermowell			
				0	TRA-S50	RTD	(50)
				E	TCA-S50	TC	(50)
2. Certificate		Intrinsically Safe		Flame proof			
0	Without	1		A		IECEX / ATEX Ex ia	
				U		UKCA Ex ia <in preparation>	
3. Connection Head - cable connection		Aluminium connection head 1/2" NPT		Stainless steel connection head M20x1,5			
Aluminium connection head M20x1,5		E BUZ-T Hinged lid, screw		8 BVA screw on lid			
1	BA	Screw lid		C SXD Screw on lid			
2	BUZ-S	Hinged lid, snap		R SXD-W Screw on lid + indicator			
3	BUZ-T	Hinged lid, screw					
5	BUZ-H	Hinged lid, screw					
6	BUZ-HW	Hinged lid, screw + Indicator					
4	BGK	Screw on lid					
A*	AXD	Screw on lid					
P	AXD-W	Screw on lid + indicator					
		PA connection head M20x1,5		Stainless steel connection head 1/2 NPT			
		7 BBK Screw on lid		L SXD Screw on lid			
		B BUZ-H Hinged lid, screw		T SXD-W Screw on lid + indicator			
4. Measuring insert sensor / wiring		4 2x Pt100 3-wire wire wound cl. A only		A 1x TC Type J Fe-CuNi			
2	1x Pt100	3-wire		B 1x TC Type K NiCr-Ni			
3*	1x Pt100	4-wire		D 1x TC Type J Fe-CuNi			
8	1x Pt100	3-wire	smart sense	E 2x TC Type K NiCr-Ni			
		5 2x Pt100 4-wire wire wound cl. A only					
5. Measuring insert class		6 Wire wound class B -200° ... +600°C					
1	Thin film	class B	-70° ... +500°C	4 Wire wound class A -100° ... +450°C			
2*	Thin film	class A	-30° ... +300°C	5 Wire wound class AA -50° ... +250°C			
3	Thin film	class A	-20° ... +200°C vibration proof	7 Wire wound class 1/10 DIN E accuracy at 0°C			
A Thermocouple class 1							
6. Thermowell material		3* EN 1.4404 AISI 316L					
1	EN 1.4571	AISI 316Ti					
7. Thermowell diameter for Ø6 mm insert (b)		F Ø22 mm (53,54,56)					
8*	Ø16 mm	(52-54)		G Ø23 mm (57,58)			
C*	Ø19 mm	(55,57-59)		K* Ø25 mm (56,59)			
8. Process Connection		Threaded		Flanged		Socket welded	
1	G 1/2 A	(52-54)	B	DN25	(55-57)	V Socket welded Ø26,7 mm (58,59)	
2	G 3/4 A	(52-54)	C	DN40	(55-57)	W* Socket welded Ø33,4 mm (58,59)	
3	G 1 A	(52-54)	D	DN50	(55-57)		
5*	1/2"-14 NPT	(52-54)	H	ASME 1"	(55-57)		
6	3/4"-14 NPT	(52-54)	K*	ASME 1,5"	(55-57)		
7	1-11,5 NPT	(52-54)	L	ASME 2"	(55-57)		
			M	ASME 2,5"	(55-57)		
9. Pressure class flanged thermowell		F ASME 300 lbs RTJ (55-57)					
0*	without	(52-54,58,59)					
1	PN16...40	Form B1	(55-57)	G ASME 600 lbs RTJ (55-57)			
A*	ASME 150 lbs	RF	(55-57)	H ASME 900-1500 lbs RTJ (55-57)			
B	ASME 300 lbs	RF	(55-57)	K ASME 2500 lbs RTJ (55-57)			
C	ASME 600 lbs	RF	(55-57)				
D	ASME 900-1500 lbs	RF	(55-57)				
E	ASME 2500 lbs	RF	(55-57)				
10. Flange welding to thermowell		30,31,36,37,52-54,58,59					
0*	without	(52-54,58,59)					
1	Full penetration welding	(31,55-57)					
11. Immersion length		5 250 mm 1C ≈10"		8 400 mm ≈16"		C 550 mm ≈22"	
2	100 mm ≈4"		6	300 mm ≈12"		D 600 mm ≈24"	
3	150 mm ≈6"		7	350 mm ≈14"			
4	200 mm ≈8"		B	500 mm ≈20"			
12. Thermowell extension connection		1 NPT					
0*	M18 x 1,5 - M24 x 1,5						
13. Extension length		4 152 mm ≈6" NUN = Nipple-Union-Nipple					
2*	76 mm ≈3" NN = Nipple-Nipple		7*	165 mm	DIN standard		
3	102 mm ≈4" NN = Nipple-Nipple						
14. Special requirements		1 SIL2 complying					
0*	without						
15. Instrument connection		C TT 33C / IPAQ C330 RTD / TC					
0	without / flying wires		M TT 53C / IPAQ C530 RTD / TC, HART				
1*	ceramic terminal block		E TT 51C / IPAQ C520 RTD / TC, HART, SIL2				
L	TT 12C / IPAQ C130 RTD / TC						
4	TT 22C / IPAQ C202 RTD						
16. Rail mounted transmitter		M TT 53C / IPAQ C530 RTD / TC, HART					
0*	without		E TT 51C / IPAQ C520 RTD / TC, HART, SIL2				
L	TT 12C / IPAQ C130 RTD / TC						
C	TT 33C / IPAQ C330 RTD / TC						
17. Transmitter configuration		8 0° ... +200°C					
0*	factory default		A 0° ... +250°C				
1	customized setting		B 0° ... +300°C				
2	-50° ... +50°C		C 0° ... +350°C				
3	-50° ... +100°C		D 0° ... +400°C				
4	-50° ... +150°C		E 0° ... +450°C				
5	0° ... +50°C		F 0° ... +500°C				
6	0° ... +100°C		G 0° ... +600°C				
7	0° ... +150°C						

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

