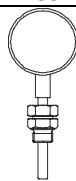
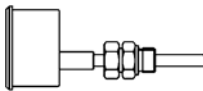
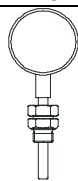
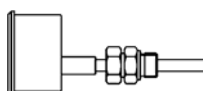
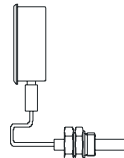
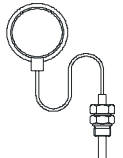
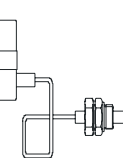
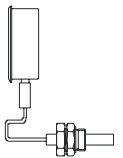
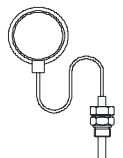
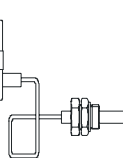


Exhaust Gas Thermometer

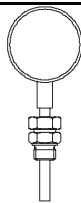
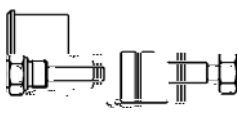
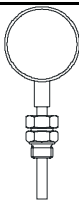
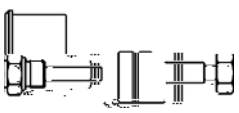
Type	8312	8372	1312	1372	
Case Configuration					
	Bottom connection	Rear connection	Bottom connection	Rear connection	
Nominal Size	80 (3 ")		100 (4 ")		
Case	Stainless steel 1.4301 Silicone oil filled				
Ring	Stainless steel 1.4301 crimped on				
Movement	Brass/German silver				
Thread Connection	Adjustable Clamp Screw				
Accuracy Class	1				
Range	+50 + 650 °C				
Mounting Length	Size				
100	1/2" BSP	Z8312M56110022	Z8372M56110022	Z1312M56110022	Z1372M56110022
160		Z8312M56116022	Z8372M56116022	Z1312M56116022	Z1372M56116022
200		Z8312M56120022	Z8372M56120022	Z1312M56120022	Z1372M56120022
250	1/2" BSP	Z8312M56125022	Z8372M56125022	Z1312M56125022	Z1372M56125022
300		Z8312M56130022	Z8372M56130022	Z1312M56130022	Z1372M56130022
400	1/2" BSP	Z8312M56140022	Z8372M56140022	Z1312M56140022	Z1372M56140022
500		Z8312M56150022	Z8372M56150022	Z1312M56150022	Z1372M56150022
100	3/4" BSP	Z8312M56110032	Z8372M56110032	Z1312M56110032	Z1372M56110032
160		Z8312M56116032	Z8372M56116032	Z1312M56116032	Z1372M56116032
200		Z8312M56120032	Z8372M56120032	Z1312M56120032	Z1372M56120032
250	3/4" BSP	Z8312M56125032	Z8372M56125032	Z1312M56125032	Z1372M56125032
300		Z8312M56130032	Z8372M56130032	Z1312M56130032	Z1372M56130032
400	3/4" BSP	Z8312M56140032	Z8372M56140032	Z1312M56140032	Z1372M56140032
500		Z8312M56150032	Z8372M56150032	Z1312M56150032	Z1372M56150032
Extra prices for additional features:					
Double Scale					
Union connection instead of male connection		1/2" BSP			
		3/4" BSP			

Exhaust Gas Remote Dial Thermometer

Type		311	321	331	311	321	331
Case Configuration							
		With wall bracket	Surface mounting	U-clamp for panel mounting	With wall bracket	Surface mounting	U-clamp for panel mounting
Nominale Size		80 (3 ")			100 (4 ")		
Case		Stainless steel 1.4301 Silicone oil filled					
Ring		Stainless steel 1.4301 crimped on					
Movement		Brass/German silver					
Thread Connection		Adjustable Clamp Screw					
Accuracy Class		1					
Range		+ 50 + 650 °C					
Basic Model		with 1 mtr. capillary line stainless steel with stainless steel protective tube					
Mounting Length	Size						
135	1/2" BSP	Z311B256135922xx	Z321B256135922xx	Z331B256135922xx	Z311C256135922xx	Z321C256135922xx	Z331C256135922xx
160		Z311B256160922xx	Z321B256160922xx	Z331B256160922xx	Z311C256160922xx	Z321C256160922xx	Z331C256160922xx
200		Z311B256200922xx	Z321B256200922xx	Z331B256200922xx	Z311C256200922xx	Z321C256200922xx	Z331C256200922xx
250	1/2" BSP	Z311B256250922xx	Z321B256250922xx	Z331B256250922xx	Z311C256250922xx	Z321C256250922xx	Z331C256250922xx
300		Z311B256300922xx	Z321B256300922xx	Z331B256300922xx	Z311C256300922xx	Z321C256300922xx	Z331C256300922xx
400	1/2" BSP	Z311B256400922xx	Z321B256400922xx	Z331B256400922xx	Z311C256400922xx	Z321C256400922xx	Z331C256400922xx
135	3/4" BSP	Z311B256135932xx	Z321B256135932xx	Z331B256135932xx	Z311C256135932xx	Z321C256135932xx	Z331C256135932xx
160		Z311B256160932xx	Z321B256160932xx	Z331B256160932xx	Z311C256160932xx	Z321C256160932xx	Z331C256160932xx
200		Z311B256200932xx	Z321B256200932xx	Z331B256200932xx	Z311C256200932xx	Z321C256200932xx	Z331C256200932xx
250	3/4" BSP	Z311B256250932xx	Z321B256250932xx	Z331B256250932xx	Z311C256250932xx	Z321C256250932xx	Z331C256250932xx
300		Z311B256300932xx	Z321B256300932xx	Z331B256300932xx	Z311C256300932xx	Z321C256300932xx	Z331C256300932xx
400	3/4" BSP	Z311B256400932xx	Z321B256400932xx	Z331B256400932xx	Z311C256400932xx	Z321C256400932xx	Z331C256400932xx
Extra prices for additional features:							
Capillary line st.st. with stainless steel protective tube		Price / mtr.					
Double Scale							
Union connection instead		1/2" BSP					
of male connection		3/4" BSP					

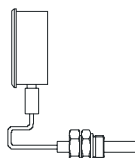
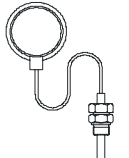
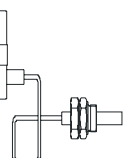
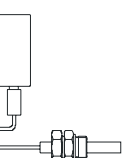
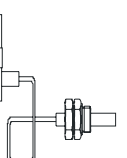
Precision Dial Thermometers

gas filled system

Type		8312	8372	1312	1372
Case Configuration					
		60	Rear connection	Bottom connection	Rear connection
Nominal Size		80 (3 ")		100 (4 ")	
Case		Stainless steel 1.4301 Silicone oil filled			
Ring		Stainless steel 1.4301 crimped on			
Movement		Brass/German silver			
Thread Connection		Adjustable Clamp Screw			
Accuracy Class		1			
Range		0+100 °C, 0+120 °C, 0+160 °C, 0+250 °C			
Mounting Length	Size				
135	20	Z8312Mxx116022	Z8372Mxx113522	Z1312Mxx113522	Z1372Mxx113522
160		Z8312Mxx116022	Z8372Mxx116022	Z1312Mxx116022	Z1372Mxx116022
200		Z8312Mxx120022	Z8372Mxx120022	Z1312Mxx120022	Z1372Mxx120022
250	1/2" BSP	Z8312Mxx125022	Z8372Mxx125022	Z1312Mxx125022	Z1372Mxx125022
300		Z8312Mxx130022	Z8372Mxx130022	Z1312Mxx130022	Z1372Mxx130022
400	1/2" BSP	Z8312Mxx140022	Z8372Mxx140022	Z1312Mxx140023	Z1372Mxx140022
500		Z8312Mxx150022	Z8372Mxx150022	Z1312Mxx150022	Z1372Mxx150022
135	3/4" BSP	Z8312Mxx113532	Z8372Mxx113532	Z1312Mxx113531	Z1372Mxx113532
160		Z8312Mxx116032	Z8372Mxx116032	Z1312Mxx116032	Z1372Mxx116032
200		Z8312Mxx120032	Z8372Mxx120032	Z1312Mxx120032	Z1372Mxx120032
250	3/4" BSP	Z8312Mxx125032	Z8372Mxx125032	Z1312Mxx125032	Z1372Mxx125032
300		Z8312Mxx130032	Z8372Mxx130032	Z1312Mxx130032	Z1372Mxx130032
400	3/4" BSP	Z8312Mxx140032	Z8372Mxx140032	Z1312Mxx140032	Z1372Mxx140032
500		Z8312Mxx150032	Z8372Mxx150032	Z1312Mxx150032	Z1372Mxx150032
Order Example	Range		Range		
	xxxxxx10xxxxxx		0 + 100°C	xxxxxx12xxxxxx	0 + 120°C
	xxxxxx16xxxxxx		0 + 160°C	xxxxxx25xxxxxx	0 + 250°C
Extra prices for additional features:					
Union connection instead		1/2" BSP			
of male connection		3/4" BSP			

Precision Dial Remote Thermometers

gas filled system

Type Case Configuration		311	321	331	311	321	331
							
		With wall bracket	Surface mounting	U-clamp for panel mounting	With wall bracket	Surface mounting	U-clamp for panel mounting
Nominal Size		80 (3 ")			100 (4 ")		
Case		Stainless steel 1.4301 Silicone oil filled					
Ring		Stainless steel 1.4301 crimped on					
Movement		Brass/German silver					
Thread Connection		Adjustable Clamp Screw					
Accuracy Class		1					
Range		0+100°C, 0+120°C, 0+160°C, 0+250°C, 0+300°C					
Basic Model		with 1 mtr. capillary line stainless steel with stainless steel protective tube					
Mounting Length	Size						
135	1/2" BSP	Z311B2xx135922xx	Z321B2xx135922xx	Z331B2xx135922xx	Z311C2xx135922xx	Z321C2xx135922xx	Z331C2xx135922xx
160		Z311B2xx160922xx	Z321B2xx160922xx	Z331B2xx160922xx	Z311C2xx160922xx	Z321C2xx160922xx	Z331C2xx160922xx
200		Z311B2xx200922xx	Z321B2xx200922xx	Z331B2xx200922xx	Z311C2xx200922xx	Z321C2xx200922xx	Z331C2xx200922xx
250	1/2" BSP	Z311B2xx250922xx	Z321B2xx250922xx	Z331B2xx250922xx	Z311C2xx250922xx	Z321C2xx250922xx	Z331C2xx250922xx
300		Z311B2xx300922xx	Z321B2xx300922xx	Z331B2xx300922xx	Z311C2xx300922xx	Z321C2xx300922xx	Z331C2xx300922xx
400	1/2" BSP	Z311B2xx400922xx	Z321B2xx400922xx	Z331B2xx400922xx	Z311C2xx400922xx	Z321C2xx400922xx	Z331C2xx400922xx
135	3/4" BSP	Z311B2xx135932xx	Z321B2xx135932xx	Z331B2xx135932xx	Z311C2xx135932xx	Z321C2xx135932xx	Z331C2xx135932xx
160		Z311B2xx160932xx	Z321B2xx160932xx	Z331B2xx160932xx	Z311C2xx160932xx	Z321C2xx160932xx	Z331C2xx160932xx
200		Z311B2xx200932xx	Z321B2xx250932xx	Z331B2xx250932xx	Z311C2xx200932xx	Z321C2xx250932xx	Z331C2xx250932xx
250	3/4" BSP	Z311B2xx250932xx	Z321B2xx250932xx	Z331B2xx250932xx	Z311C2xx250932xx	Z321C2xx250932xx	Z331C2xx250932xx
300		Z311B2xx300932xx	Z321B2xx300932xx	Z331B2xx300932xx	Z311C2xx300932xx	Z321C2xx300932xx	Z331C2xx300932xx
400	3/4" BSP	Z311B2xx400932xx	Z321B2xx400932xx	Z331B2xx400932xx	Z311C2xx400932xx	Z321C2xx400932xx	Z331C2xx400932xx
Range Order Example xxxxxx10xxxxxxxxx xxxxxx12xxxxxxxxx xxxxxx16xxxxxxxxx xxxxxx25xxxxxxxxx xxxxxx30xxxxxxxxx							
Capillary line st.st. with stainless steel protective tube		Price / mtr.					
Double Scale							
Union connection ins 1/2" BSP							
of male connection 3/4" BSP							