

TP 38 // Special versions // -35...650 °C



TP 38165



TP 38650

Technical data

Type	TP 38165	TP 38650
Control sensor	Switchable internal / external	
Temperature range*	-35...165 °C	RT...650 °C
Dry block		
Accuracy	±0.1 °C	±0.2 °C
Stability	0.01...0.05 °C	0.03...0.1 °C
Measurement zone	110...150 mm	
Display unit		
Display	Monochrome, graphic display Units °C / °F / K / Ω / mV / mA	
Display range	-50...165 °C	0...650 °C
Resolution	0.01 °C	

* At an ambient temperature of 20 °C / 68 °F

General data		
Type	TP 38165	TP 38650
Interface	RS232, USB [optional]	
Calibrator dimensions → Width → Height → Depth	153 mm 347 mm 348 mm	
Block dimensions → Diameter → Depth	∅ 28 mm 150 mm	∅ 28 mm 150 mm
Weight	Approx. 12 kg	Approx. 10 kg
Power supply → Standard → Optional	100...240 VAC, 50 / 60 Hz	230...240 VAC, 50 / 60 Hz, 100...115 VAC, 50 / 60 Hz
Power consumption	Approx. 400 W	Approx. 1000 W

Order code		
Type	TP 38165	TP 38650
	EP381500281503	EP386000281500

Equipment for requested type with separate order code

Equipment	Example → EPLIK	DB	I	00	0
Linearisation					
With Linearisation	EPLIK				
Function					
Dry block		DB			
Reference sensor					
Internal			I		
External			E		
Adjustment to medium					
No medium				00	
Test points					
Standard					0
Customised					K

Options	Order code
Type	TP 38650
Power supply → 100...115 V	EP386000281502