TwinCAT 3 Control

TF4110 | TC3 Temperature Controller

Temperature controllers can be simply implemented using TwinCAT Temperature Controller. Simple commissioning through self-adjustment of the controller (auto-tuning) is included.

– automatic and manual operation with shock-free set up
– control value analog or pulse-width modulated signal
– tolerance monitoring, absolute value monitoring
– scalable reaction to sensor error and heating power faults
– limitation of set and control values
– optional ramping of the set value
– optional start-up phase for the setpoint variables
– industrial PID controller as base control algorithm inside the temperature controller

Technical data	TF4110
Required	TC1200
Target system	Windows XP, Windows 7/8/10, Windows CE

Ordering information	
TF4110-0020	TC3 Temperature Controller, platform 20 (Economy)
TF4110-0030	TC3 Temperature Controller, platform 30 (Economy Plus)
TF4110-0040	TC3 Temperature Controller, platform 40 (Performance)
TF4110-0050	TC3 Temperature Controller, platform 50 (Performance Plus)
TF4110-0060	TC3 Temperature Controller, platform 60 (Mid Performance)
TF4110-0070	TC3 Temperature Controller, platform 70 (High Performance)
TF4110-0080	TC3 Temperature Controller, platform 80 (Very High Performance)
TF4110-0081	TC3 Temperature Controller, platform 81 (Many-core 5…8 cores)
TF4110-0082	TC3 Temperature Controller, platform 82 (Many-core 9…16 cores)
TF4110-0083	TC3 Temperature Controller, platform 83 (Many-core 17…32 cores)
TF4110-0084	TC3 Temperature Controller, platform 84 (Many-core 33…64 cores)
TF4110-0090	TC3 Temperature Controller, platform 90 (Other)
TF4110-0091	TC3 Temperature Controller, platform 91 (Other 5…8 cores)
TF4110-0092	TC3 Temperature Controller, platform 92 (Other 9…16 cores)
TF4110-0093	TC3 Temperature Controller, platform 93 (Other 17…32 cores)
TF4110-0094	TC3 Temperature Controller, platform 94 (Other 33…64 cores)