

**Device description**

**TD11..15/TDF12..1 5 room temperature sensor**

**Types**

- TD11 room temperature sensor with measuring system KP10
- TD12 room temperature sensor with measuring system KP10
- TDF12 as TD12, but additional with setpoint adjuster 10 kΩ
- TD13 Room temperature sensor (KP10) with probe and LED
- TDF13 as TD13, but additional with setpoint adjuster 10 kΩ
- TD14 Room temperature sensor (KP10) with switch On/Off
- TDF14 as TD14, but additional with setpoint adjuster 10 kΩ
- TD15 Room temperature sensor (KP10) with 4-position switch
- TDF15 as TD15 but additional with setpoint adjuster 10 kΩ

**Technical Data**

Function:	Temperature voltage source	
Measuring system	KP10, 2.73 V at 0°C, TK = 10 mV/K	
temperat. range	-30..+150°C	
Limit-temperatur	-20..+60°C	
Housing:	plastic housing	color RAL9010
setpoint-adjuster	TDF12, TDF13, TDF14, TDF15	Potentiometer 10 kΩ, linear,
button	TD13, TDF13	potentialfree contact, max. 24 V DC, 50 mA
LED	TD13, TDF13	LED 12 V DC or 24 V DC
Switcher	TD14, TDF14	potential free, max. 24 V AC/DC, 300 mA
	TD15, TDF15	switcher 4-positions, potentialfree, max. 24 V AC/DC, 300 mA
protection dimension	IP30	
		B x H x T (mm)
	TD11, TD12	82,5 x 82,5 x 27,7
	TDF12	82,5 x 82,5 x 28,3
	TD/TDF13..15	82,5 x 82,5 x 29,8



Abb. TD11/TD12



Abb. TDF12

**Installation**

**The electrical installation of the sensor connection may only be carried out by qualified personnel.**  
The VDE and local regulations must be observed.

Connection:



