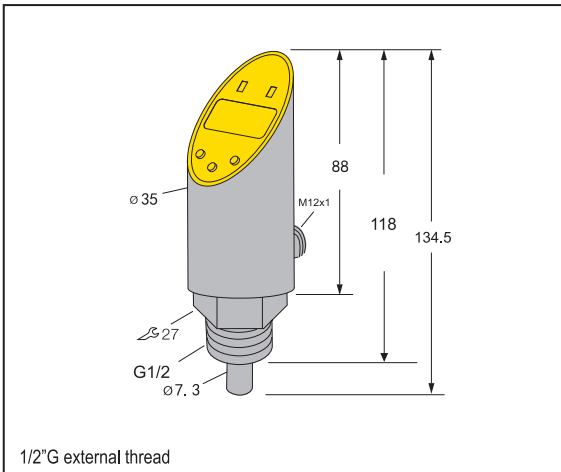


# Programmable temperature sensor

TB-G1/2N-VPN6D-SC



Type TB-G1/2N-VPN6D-SC  
Ident No. 070211034

- large size digital tube, rotate 180°.
- The 304 stainless steel housing, the housing can be freely rotated by 330°.
- Three programmable buttons can quickly select and switch the menus.
- The probe length can be customized.

## Technical parameter

### Electrical parameter

Mounting conditions	insertion style sensor
Operating voltage	15-30V DC
Rated operational current	200mA
Voltage drop at Ie	≤ 2V
No-load current	≤ 50mA
Switch accuracy	1%
Max output current	500mA
Output function	0...10V+2xPNP/NPN
Max output current	500mA
Liquid medium temperature	-50°C...100°C
Operating temperature	-25°C...80°C
Switching point	-49.8°C...100°C
Release point	-50°C...99.8°C
Permanent display of temperature unit ( °C , °F )	
Measure model	hysteresis, window
Display	LED digital display
Protection classification	IP 65

### Mechanical parameter

Housing material	stainless steel(304)
Sensor material	stainless steel(304)
Thread connection	external thread G1/2"
Max.tightening torque housing nut	30Nm
Connection	5pin M12x1 connector

## Wiring diagram

