



Temperature sensor TEF 031

Sensor fabricated completely in stainless steel

Compact design

Short response time

M12-plug connection

Different sensor tips Ø 6 mm, Ø 4 mm, Ø 3 mm

Installation in pipes DN 15



Description

The compact designed temperature sensor TEF 031 (screwable) with a M12-plug is used in processes with high hygienic demands (e. g. breweries, dairies, drinking and pharmaceutical industry). The maximum measuring range is -20...150 °C.

The standard is a A Pt100-Chip class A in accordance to the DIN EN 60751 specs. integrated in the sensor housing enabling 2, 3 or 4-wiring techniques.



Technical data

Connecting capsule
stainless steel V2A 1.4305

Length
20; 50; 100; 150; 250 mm

Electrical connection
M12-plug connection

Sensor model
1 x Pt100 class A according to DIN EN 60751

Process connection
collared sleeve Ø 25 mm; sleeve PM 030

Operating pressure
max. 16 bar

Protective pipe
stainless steel V4A 1.4571; Ø 6 mm

Selection chart

Ordering code **TEF031**

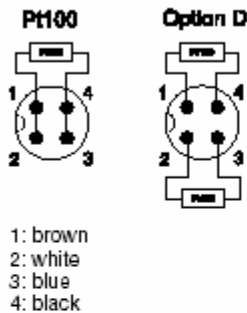
Installation length	
050	50 mm
100	100 mm
150	150 mm
250	250 mm

Sensor tips	
S6	sensor tip Ø 6 mm standard
S4	sensor tip Ø 4 mm
S3	sensor tip Ø 3 mm

Electrical connection
2 plug M12

Accessories
PM 031: Hygenic collared weld-in sleeve

Wiring diagram



Dimensional drawing

