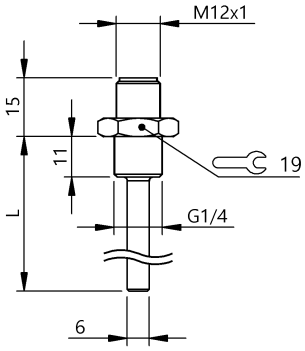
Temperature Sensors

BFT 6050-DX001-R02A0A-S4
Order Code: BFT0002



Basic features

Approval/Conformity	CE WEEE EAC
Principle of operation	Temperature sensor

Electrical connection

Connection	Connector, M12x1-Male, 4-pin

Environmental conditions

Ambient temperature	-40...100 °C
EN 60068-2-27, Shock	500 g
IP rating	IP66, IP67
Storage temperature	-40...85 °C

Interface

Analog output	Analog, resistance

Material

Process connection material	1.4305 stainless steel

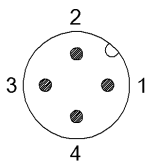
Mechanical data

Installation length from contact surface	50 mm
Pressure rating max.	50 bar
Probe diameter	6 mm
Process connection	G 1/4" outer
Tightening torque max.	5 Nm
Weight	35 g

Range/Distance

Measuring element	Pt1000
Measuring range	-50...150 °C
Response time per IEC 60751	T05 < 2.5 s T09 < 6.5 s
Tolerance of the measuring resistor per IEC 60751	Class B ± (0.3 °C + 0.005 ltl)

Connector Drawings



BFT 6050-DX001-R02A0A-S4
Order Code: BFT0002

Wiring Diagrams

