

TEMPERATURE SENSOR

KF / ETF / AF / ATF



Measuring resistor Pt100 according to DIN EN 60751

Available as channel, room, outdoor and surface-mounted sensors

Outdoor sensor with double-walled sensor tube for weather and radiation protection

Measurement tolerance:	°C Max. R0 drift 0.05% /
Long-term stability:	year
Operating mode:	Measurement mode
Measuring medium:	temperature
Sensor:	Pt100 or PT1000 Class A according to DIN EN 60751
Unit of measurement:	°C
Temperature:	Max. 160 °C
Protective tube:	X10CrNiMoTi 1810, 9 mm ø, material no. 1.4571; V4A
Connection head:	plastic
EMC:	EN 61000-6-2, EN 61000-6-3, CE marking
RoHS:	Complies with RoHS Directive 2011/65/EU

ACCURACY / ERROR LIMITS: < 0.25% ± 0.15

TECHNICAL SPECIFICATIONS:

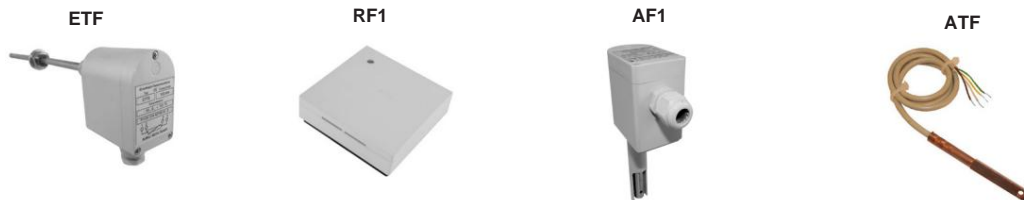
PHYSICALLY:

CONFORMITY:

	Item No.
Channel temperature sensor KF1 , smooth sensor tube, 250 mm long	6710
Channel temperature sensor KF1, sensor tube tip perforated, 250 mm long	6711

ACCESORIES

Mounting flange MF-KF1	67101
Screw-in protective sleeve, brass ESH-M	67102
Stainless steel screw-in protective sleeve ESH-VA	67103



	Item No.
Screw-in temperature sensor ETF with G1/2A screw connection, material 1.4571, V4A	
ETF1 immersion depth 50 mm	6750
ETF2 immersion depth 100 mm	6751
ETF3 immersion depth 150 mm	6752
ETF4 immersion depth 200 mm	6753
ETF5 immersion depth 250 mm	6754
ETF6 immersion depth 450 mm	6755
Room temperature sensor RF1 for dry rooms, wall mounting, white plastic housing, for mounting on a 55 mm switch box, operating range 0...50 °C; outdoor temperature sensor AF1	6720
IP 65, with sun protection and mounting clips for wall mounting, operating range -30...0...+60 °C. Surface temperature sensor ATF1 , operating range up to 100 °C, in 4-wire circuit with 3 m cable and pipe clamp for pipes from 10 to 150 mm.	6730
Surface-mounted temperature sensor ATF2 , operating range up to 200 °C, in 4-wire configuration with 3 m cable and pipe clamp for pipes from 10 to 150 mm	6760
	6761
SURCHARGE	
Optional equipment with Pt1000 temperature sensor	67110
Optional equipment with two Pt100 sensors, where technically possible	67111