

ESTF4 - screw-in temperature sensor



Technical Data

Measuring range	depends on chosen cable type (see chart 6.)
Protection tube	stainless steel Ø 4 mm
Measuring current	max. 1 mA
Insulation resistance	> 100 MOhm @ 20°C (500Vdc)
Electrical connection	connection cable with ferrules
Protection	IP 65
Process connection	G1/4" (others on request)

1. Sensor

Order code	Sensor	Price
ESTF4-A	Pt100	37,80 €
ESTF4-B	Pt1000	37,80 €
ESTF4-C	Ni1000	39,80 €
ESTF4-D	Ni1000-Tk5000	41,60 €
ESTF4-E	NTC 1,8k	38,10 €
ESTF4-F	NTC 3k	38,10 €
ESTF4-G	NTC 5k	38,10 €

Order code	Sensor	Price
ESTF4-H	NTC 10k	38,10 €
ESTF4-I	NTC 10k PRECON	38,10 €
ESTF4-J	NTC 20k	38,10 €
ESTF4-K	NTC 30k	38,10 €
ESTF4-L	NTC 50k	38,10 €
ESTF4-ACT*	0...10V / 4...20mA	90,20 €
Others on request		

*Ranges: -50..+50°C, 0..+50°C, 0..+100°C, 0..+160°C

2. Insertion length

Order code	Surcharge
-50 50 mm	-
for each additional 50 mm	1,60 €

3. Sensor quantity

Order code	Surcharge
-1 1x	-
-2 2x	18,00 €

4. Wiring

Order code	Surcharge
-2 2-wire circuit	-
-3 3-wire circuit	1,50 €
-4 4-wire circuit	3,00 €

5. Accuracy

Order code	Class	Surcharge
-1	B (DIN EN 60751)	-
-2	A (DIN EN 60751)	4,50 €
-3	AA (DIN EN 60751)	10,00 €
-4	1/10 B (DIN EN 60751)	20,00 €

6. Connection cable

Order code*	Temperature	2-wire/m	3-wire/m	4-wire/m
-PP PVC / PVC	90°C	0,55 €	0,75 €	0,90 €
-TS PTFE / Silicone	180°C	1,30 €	1,70 €	2,50 €
-TT PTFE / PTFE	260°C	2,20 €	2,80 €	3,40 €
-GGD glassfiber/glassfiber/braided	350°C	2,80 €	3,40 €	4,00 €

*Add cable length (meter) to the order code

Ordering example

1.	ESTF4-A	ESTF4 with Pt100
2.	-150	Insertion length 150 mm
3.	-1	1 x Sensor
4.	-3	3-wire circuit
5.	-1	Class B
6.	-2TT	2m PTFE/PTFE cable

Total order code	Price
ESTF4-A-150-1-3-1-2TT	48,10 €