

ETF1 - duct temperature sensor



Technical Data

Measuring range	-30 ... +150°C
Housing	64 x 58 x 38 mm, polyamid
Protection tube	stainless steel Ø 6 mm
Measuring current	max. 1 mA
Insulation resistance	> 100 MOhm @ 20°C (500Vdc)
Electrical connection	screw clamps max. 1,5 mm ²
Protection	IP 65
Process connection	thermowell, flange or cutting ring fitting (see accessories)

1. Sensor

Order code	Sensor	Price
ETF1-A	Pt100	28,90 €
ETF1-B	Pt1000	28,90 €
ETF1-C	Ni1000	30,90 €
ETF1-D	Ni1000-Tk5000	31,50 €
ETF1-E	NTC 1,8k	29,20 €
ETF1-F	NTC 3k	29,20 €
ETF1-G	NTC 5k	29,20 €

2. Nominal length*

Order code	Surcharge
-65 65 mm	-
for each additional 50 mm	0,75 €

*Nominal length = Insertion length of thermowell + 15 mm

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 €

Order code	Sensor	Price
ETF1-H	NTC 10k	29,20 €
ETF1-I	NTC 10k PRECON	29,20 €
ETF1-J	NTC 20k	29,20 €
ETF1-K	NTC 30k	29,20 €
ETF1-L	NTC 50k	29,20 €
ETF1-ACT*	0...10V / 4...20mA	81,60 €
Others on request		

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

Ordering example

1.	ETF1	ETF1 with Pt100
2.	-115	Length 115 mm
3.	-1	1 x Sensor
4.	-2	2-wire circuit
5.	-1	Class B

Total order code	Price
ETF1-A-115-1-2-1	29,65 €

Accessories

Stainless steel thermowell Ø 9mm, G1/2"

Order code	Insertion length	Price
SA9-50	50 mm	12,50 €
for each additional 50 mm		1,50 €

Mounting flange, aluminium

Order code	Pipe Ø	Price
AF6.1	Ø 6 mm	4,50 €

Stainless steel cutting ring fitting

Order code	Thread	Price
100.M10x1.6.3.3	M10 x 1	18,30 €
100.G1/4.6.3.3	G1/4"	20,40 €
100.G1/2.6.3.3	G1/2"	24,50 €
Others on request		