

# HTF1 - cable temperature sensor



## Technical Data

<b>Measuring range</b>	depends on chosen cable type (see chart 5.)
<b>Protection tube</b>	stainless steel Ø 6 x 46 mm crimped
<b>Measuring current</b>	max. 1 mA
<b>Insulation resistance</b>	> 100 MOhm @ 20°C (500Vdc)
<b>Electrical connection</b>	Connection cable with ferrules
<b>Protection</b>	IP 54

### 1. Sensor

Order code	Sensor	Price
HTF1-A	Pt100	14,90 €
HTF1-B	Pt1000	14,90 €
HTF1-C	Ni1000	16,90 €
HTF1-D	Ni1000-Tk5000	18,70 €
HTF1-E	NTC 1,8k	15,20 €
HTF1-F	NTC 3k	15,20 €
HTF1-G	NTC 5k	15,20 €

Order code	Sensor	Price
HTF1-H	NTC 10k	15,20 €
HTF1-I	NTC 10k PRECON	15,20 €
HTF1-J	NTC 20k	15,20 €
HTF1-K	NTC 30k	15,20 €
HTF1-L	NTC 50k	15,20 €
HTF1-ACT*	0...10V / 4...20mA	67,60 €
Others on request		

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

### 2. Sensor quantity

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

### Ordering example

1.	HTF1-A	HTF1 with Pt100
2.	-1	1 x Sensor
3.	-3	3-wire circuit
4.	-1	Class B
5.	-1TT	1m PTFE/PTFE cable

### 3. Wiring

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

Total order code	Price
HTF1-A-1-3-1-1TT	19,20 €

### 4. 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 €

### 5. 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