

MGTF - magnetic Temperature sensor



Technical Data

Measuring range	-30 ... +180°C
Housing	stainless steel, Ø 25 mm
Measuring current	max. 1 mA
Insulation resistance	> 100 MOhm @ 20°C (500Vdc)
Electrical connection	Connection cable with ferrules
Protection	IP 65

1. Sensor

Order code	Sensor	Price
MGTF-A	Pt100	49,80 €
MGTF-B	Pt1000	49,80 €
MGTF-C	Ni1000	51,80 €
MGTF-D	Ni1000-Tk5000	53,60 €
MGTF-E	NTC 1,8k	50,10 €
MGTF-F	NTC 3k	50,10 €
MGTF-G	NTC 5k	50,10 €

2. Sensor quantity

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

3. Wiring

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

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

Order code	Sensor	Price
MGTF-H	NTC 10k	50,10 €
MGTF-I	NTC 10k PRECON	50,10 €
MGTF-J	NTC 20k	50,10 €
MGTF-K	NTC 30k	50,10 €
MGTF-L	NTC 50k	50,10 €
MGTF-ACT*	0...10V / 4...20mA	102,50 €
Others on request		

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

Ordering example

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

Total order code	Price
MGTF-A-1-3-1-1TT	54,10 €