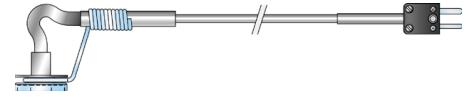


# 80100 Magnetic surface thermocouple up to 240°C



## Construction

<b>Housing</b>	Nickel plated
<b>Shape</b>	Disc shape
<b>Surface contact</b>	Magnetic

## Magnet

<b>Magnetic force</b>	> 50 Newton
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## Usage

<b>Surface measurements</b>	Ferretic materials
<b>Typical applications</b>	Bearings, Inductionheaters,
<b>Connection cable</b>	PTFE insulated cable
<b>Cable length</b>	1000mm standard, other lengths possible

## Cable

<b>Connector</b>	Miniature thermocoupleplug, flat pins
<b>Strain relief</b>	Retaining spring

## Thermocouple

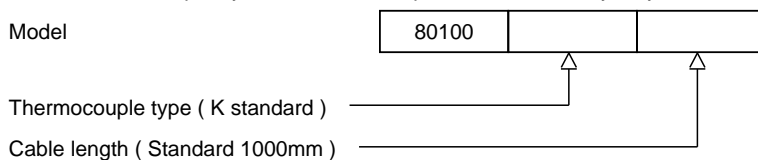
<b>Accuracy</b>	According IEC 60584-1
<b>Max. tip temperature</b>	240°C / 428°F
<b>High temperature version (HT)</b>	Up to 350°C optional
<b>Ingress protection</b>	IP54
<b>Dimensions</b>	Round 14mm, hight approx. 18mm

## Options

<b>Cable</b>	Other cable length
<b>Thermocouple</b>	Type J or type N
<b>Connector</b>	Other connector or without
<b>Calibration</b>	Type K , standard Oven profilers

## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.



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