

80100 Magnetic surface thermocouple up to 240°C



Construction

| | |
|------------------------|---------------|
| Housing | Nickel plated |
| Shape | Disc shape |
| Surface contact | Magnetic |

Magnet

| | |
|-----------------------|-------------|
| Magnetic force | > 50 Newton |
|-----------------------|-------------|

Usage

| | |
|-----------------------------|---|
| Surface measurements | Ferretic materials |
| Typical applications | Bearings, Inductionheaters, |
| Connection cable | PTFE insulated cable |
| Cable length | 1000mm standard, other lenghts possible |

Cable

| | |
|----------------------|---------------------------------------|
| Connector | Miniature thermocoupleplug, flat pins |
| Strain relief | Retaining spring |

Thermocouple

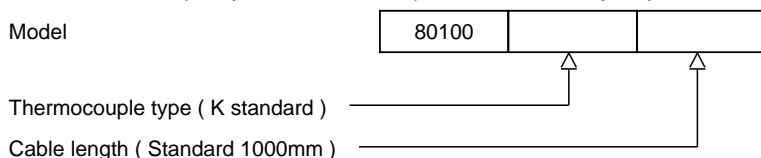
| | |
|--------------------------------------|--------------------------------|
| Accuracy | According IEC 60584-1 |
| Max. tip temperature | 240°C / 428°F |
| High temperature version (HT) | Up to 350°C optional |
| Ingress protection | IP54 |
| Dimensions | Round 14mm, hight approx. 18mm |

Options

| | |
|---------------------|-------------------------------------|
| Cable | Other cable length |
| Thermocouple | Type J or type N |
| Connector | Other connector or without |
| Calibration | 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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