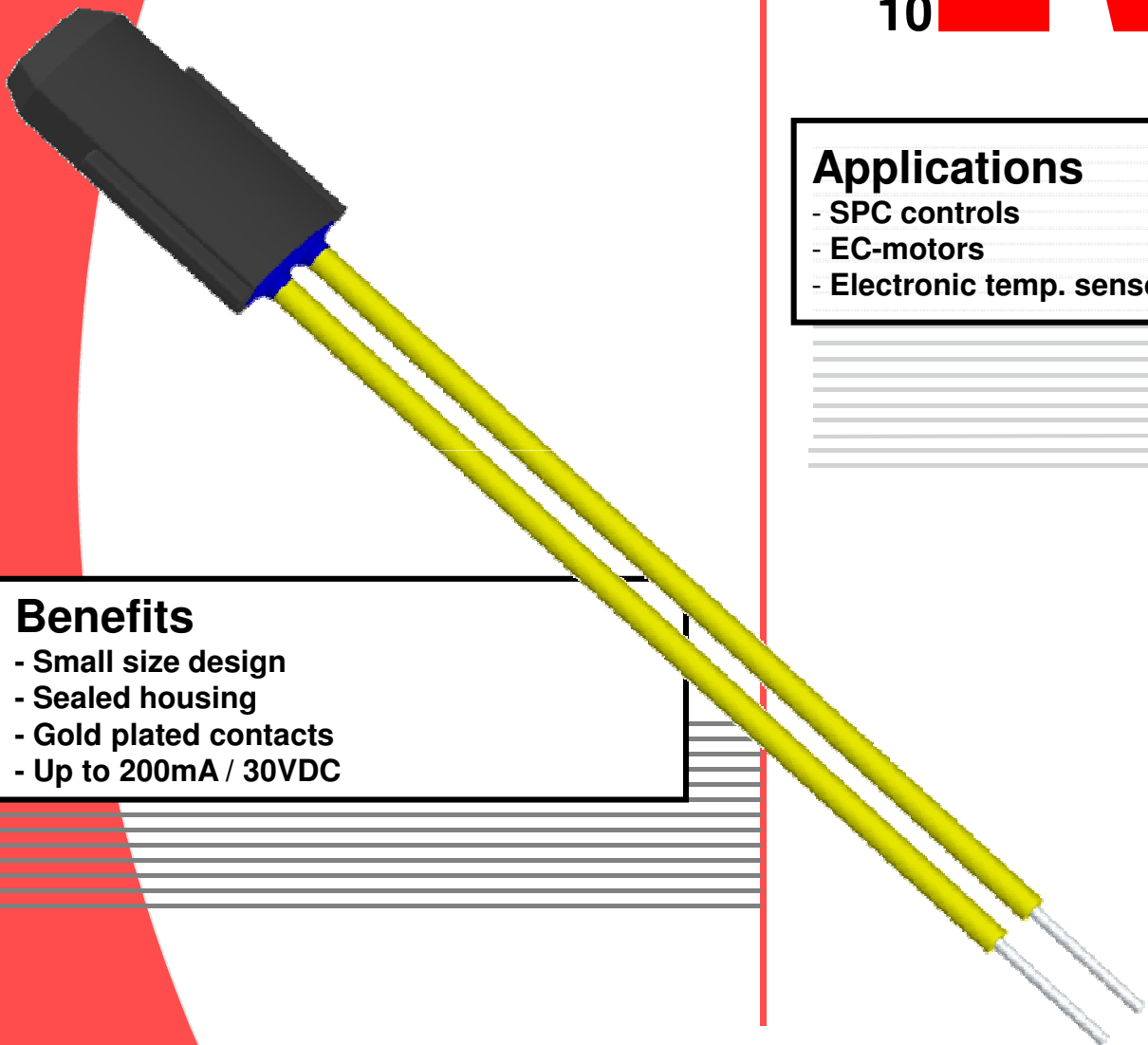


Thermal cut-out  
Thermostat

# N

10



## Benefits

- Small size design
- Sealed housing
- Gold plated contacts
- Up to 200mA / 30VDC

## Applications

- SPC controls
- EC-motors
- Electronic temp. sensors

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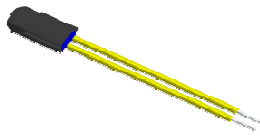
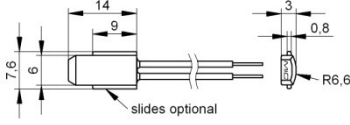


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## Technical data

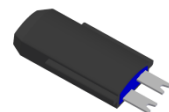
ratings	control type	N10N
function		automatic
version		normally closed
rated current at 1...30VDC		1...200mA
switching cycles		10,000
temperature rating $T_a$ ( steps in 5 K )		70°C...150°C
tolerances		standard: $\pm 5$
contact resistances		<50mOhm
hysteresis		>20K
degrees of protection provided by enclosures ( EN 60529 )		e.g. IP54

## Standard type

type	illustration	drawing dimensions ( mm )	technical specification
N10N			Housing material: PA Lead wire: L430

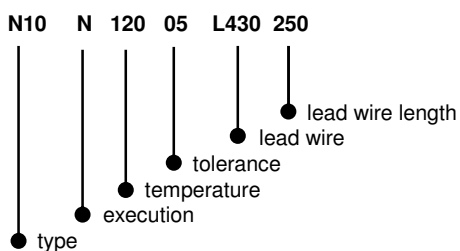
L430: solid wire, UL-style 1332, AWG24, 300V, yellow, stripping 6mm

- Especially designed for low-current applications
- Gold plated contacts
- Sealed housing
- Diverse leadframe terminals for printed circuit boards are possible – example:



## Ordering and marking example

### Ordering example



### Marking examples

**N10N** type (n.c.)  
**12005** response temperature (120°C), tolerance ( $\pm 5K$ )  
**059H** date of manufacture (May 2009), country (H = China)

**N10N** type (n.c.)  
**--123** drawing number  
**059H** date of manufacture (May 2009), country (H = China)

**MICROTHERM**



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Subject to change without notice