

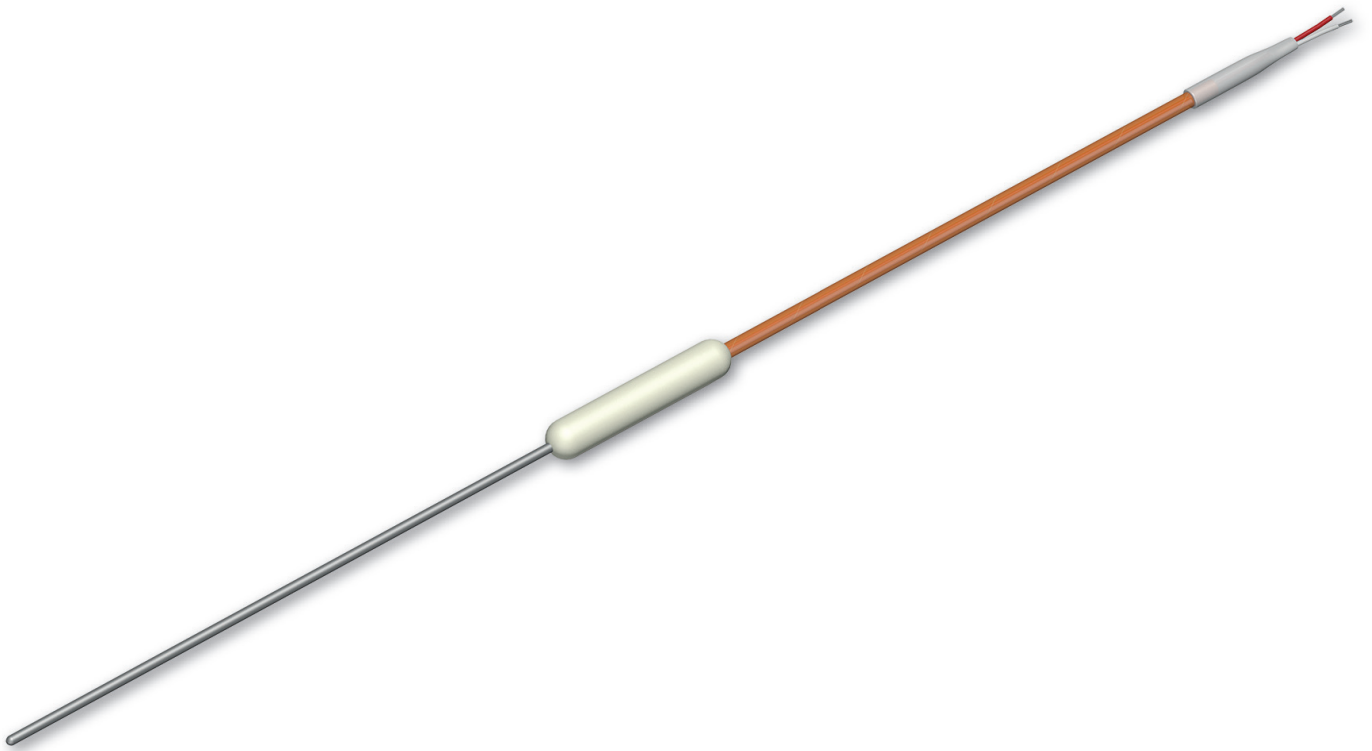
New



## hotcontrol HPS 400

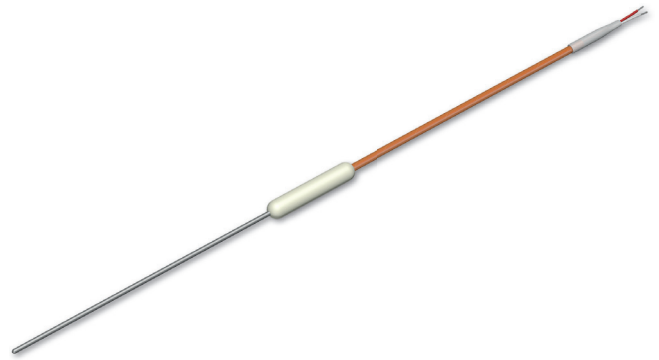
Thermocouples – RTDs

With new connection head made of  
400 °C / 750 °F heat-resistant hybrid material



## Facts about the new HPS 400 connection head

- Heat resistant up to 400 °C / 750 °F
- Protection class IP67
- Tensile strength of more than 120 N with small dimensions
- Made of an innovative hybrid material
- Better thermal and mechanical stability at the critical transition zone between the measuring tip and the connection leads
- Increased operational reliability and service life under extreme conditions

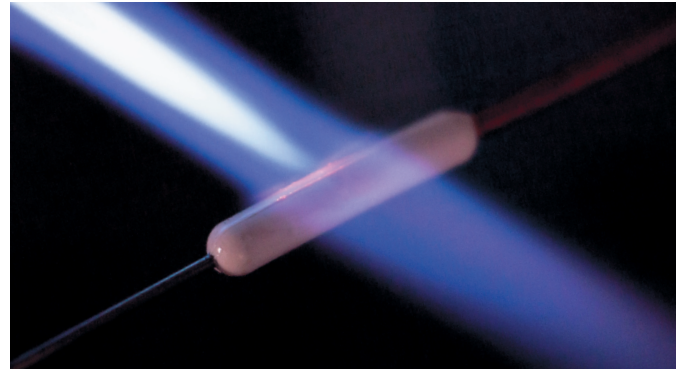


### Technical key features

Lead cross-section	0.22 mm <sup>2</sup>
Minimum bending radius	5.0 x sheath diameter
Classification tolerance	Class 1 or 2 (DIN 60584) Standard, Special (ANSI 96.1)

### Options

- Measuring point grounded or ungrounded
- Bend protection
- Attachments



High temperature stability of 400 °C / 750 °F

### Lead Types

Lead Types	Max. Temperature	
PFA/PFA	260 °C	500 °F
GLS/GLS (MB*)	400 °C	750 °F
Kapton/Kapton	350 °C	600 °F
GLS/Kapton	350 °C	600 °F

Material information from the inside to the outside. Other lead types upon request.

\* Glass silk insulated leads with glass silk insulated casing and metal braided protection sleeve.



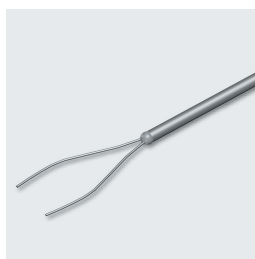
Water- and dustproof to IP 67

### Performance Range

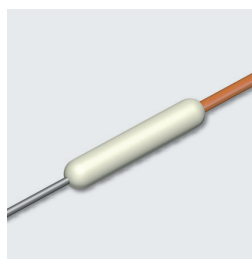
Diameter [mm]	Types	Connection head [mm]	Lead Options	Number of thermocouples
1.0	J, K, L	Ø 4 x 20	see lead types	1 x
1.5	J, K, L	Ø 4 x 20	see lead types	1 x

Further diameters upon request.

### Connection Type Range



Open ends



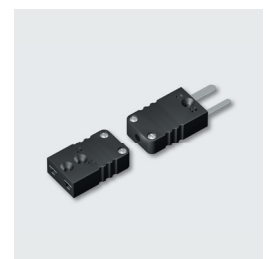
Connection head  
(400 °C / 750 °F) and cable



LEMO connector (female)  
max. 250 °C / 480 °F



Standard male/female connector,  
max. 200 °C / 390 °F



Mini male/female connector,  
max. 200 °C / 390 °F