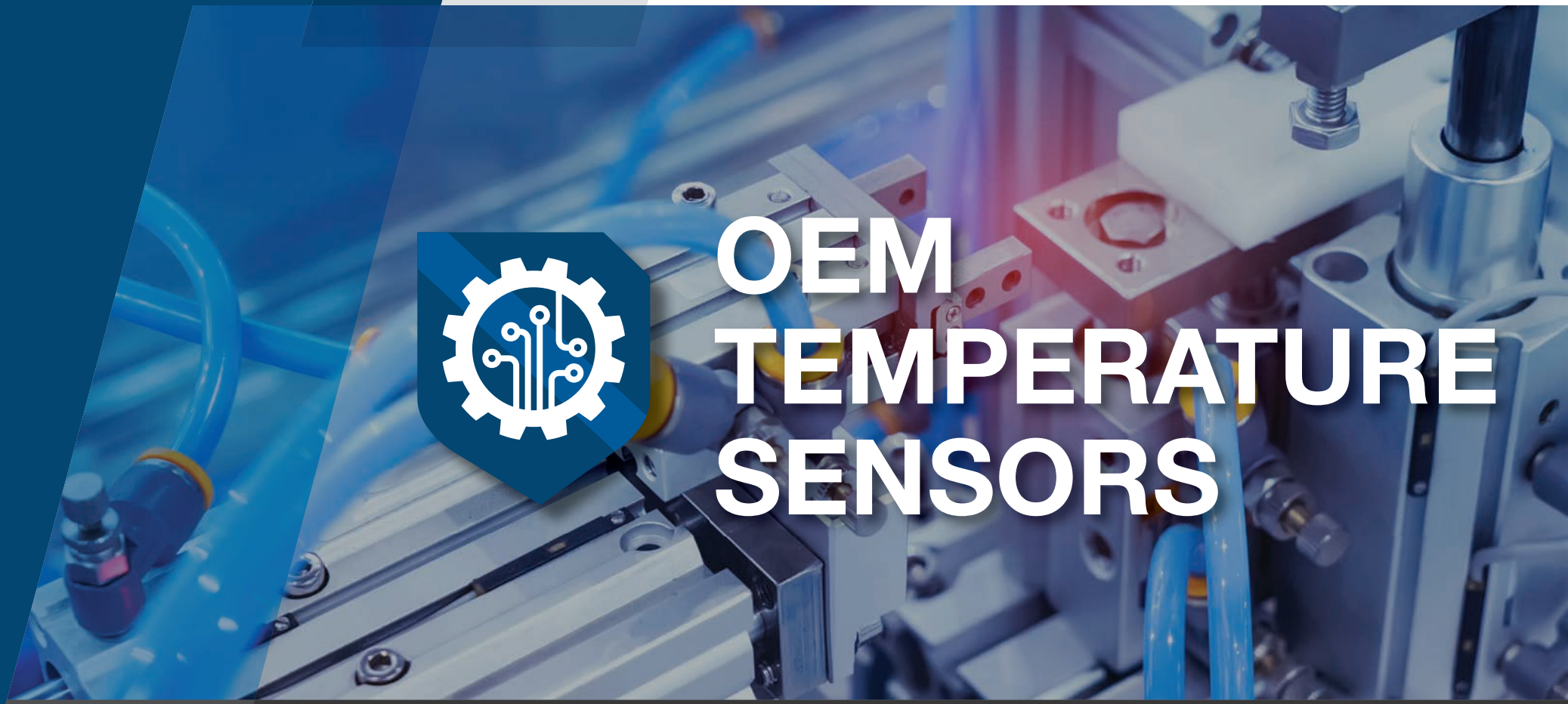
ASHCROFT®

Trust the shield.®



OEM TEMPERATURE SENSORS

/ FEEL

WHO WANTS TO KNOW MUST FEEL.

Nowhere is this more true than in the field of sensor technology. Our sensors are THE central sensory organ of your plants and thus THE decisive instance for the entire downstream process control.

We know about this responsibility and are ready to accept it. With high-precision components, individual concepts, technical expertise and lived customer orientation.

MEASURE US BY IT!

OEM TEMPERATURE SENSORS

THIS IS ASHCROFT

DEVELOPMENT FROM TRADITION

When Edward Ashcroft founded our company in 1852, his mission was to protect the steam-powered industry and its workers by using more sophisticated and reliable instruments. Times have changed, but not our attitude. With a history of more than 165 years, of which more than 40 years with our own production in Europe, we have experienced and learned a lot. Together with our customers, we have mastered three industrial revolutions, survived global and regional conflicts and crisis's. We look forward to accompanying our customers with our products in the fourth industrial revolution as well.

GLOBAL - REGIONAL - LOCAL

Globally positioned - regionally represented and personally locally available for you. With personal local contacts who speak your language and are ready to solve your challenges.

OUR GREATEST STRENGTH

All of Ashcroft's products and services are the result of our exceptional people. We are all passionate about our common goal, the best customer satisfaction. Ashcroft is inspired of a common commitment to our work and to each other. Combining the talents of our diverse workforce makes us more competitive, resilient and better able to respond to the ever-changing needs of our customers and markets.

OUR MOTIVATION

As a customer and partner, you are the focus of our attention. We are passionate about designing and producing the most innovative, high quality pressure and temperature measuring instruments on our planet.

OUR VALUES

Our five corporate values are not abstract, but are lived by us, and every Ashcroft employee bases his or her daily actions on them.

THINK CUSTOMER FIRST

Every measure, every plan and every project is aimed first and foremost at you, our customer. We see the world through your eyes.

NEVER SETTLE / CHALLENGE THE STATUS QUO

What was true yesterday is not necessarily true today. At Ashcroft, we challenge each other to never be indifferent, to keep improving ourselves and the company.

RESPECT EACH OTHER

We celebrate our diversity, share our ideas and intensify our collective thinking. We act and discuss in mutual respect and thus find better solutions.

THINK BEYOND BORDERS

Across geographical borders. Beyond the factory. Beyond your own area of responsibility. Beyond the personal comfort zone.

WIN AS A TEAM

The common goal is more important to us than our own.

FEEL

TRANSMIT

/ ASHCROFT ITS

CONNECT

CONTROL

OEM TEMPERATURE SENSORS

/ ASHCROFT ITS

With the INDUSTRIAL TEMPERATURE SENSOR (ITS) product line, Ashcroft offers a matched range of products specifically designed for temperature measurement in the industrial OEM industry.

Our temperature sensors are so variable that we can customise them to suit your application. With Ashcroft ITS you can choose from 5 sensor types to create the perfect solution for your application.

An OEM customer-supplier relationship is always an individual relationship. Our mission is to find optimal solutions for your exact requirements and implement them using the best components and sophisticated systems. Our customised temperature sensors are as unique as your application. This is our understanding of customer orientation.

CUSTOM OEM TEMPERATURE SENSORS

We work together with your research and development department for best results in technical performance and cost of temperature measurement in your products.

We minimise the cost of using the temperature probe in your products.

SAMPLING

For sampling, we design and build customised prototypes according to your individual requirements.

SINGLE TEMPERATURE SENSORS AND ASSEMBLIES

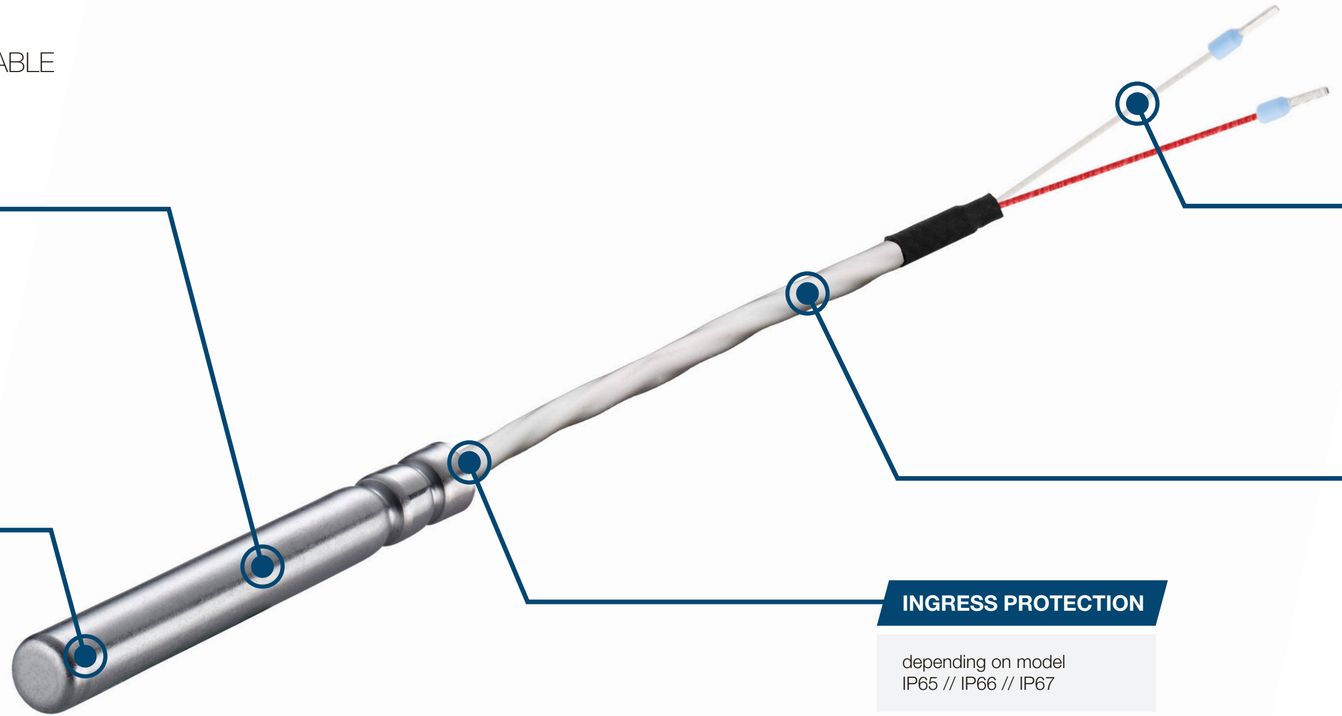
We can do more than just temperature sensors, Ashcroft can work with you to create assemblies.

OEM TEMPERATURE SENSORS

ASHCROFT ITS 1

TEMPERATURE SENSOR WITH EXTENSION CABLE

ASHCROFT®
Trust the shield.®



PROBE SHEAT

Stainless steel in various lengths and diameters

MEASURING ELEMENT

PT1000 // PT100 // NTC // KTY and specific solutions

ELECTRICAL CONNECTION

- Wire leads
- Wire end ferrules
- Plug connection

EXTENSION CABLE

PVC // Silicone // PTFE
Length according to customer requirements

INGRESS PROTECTION

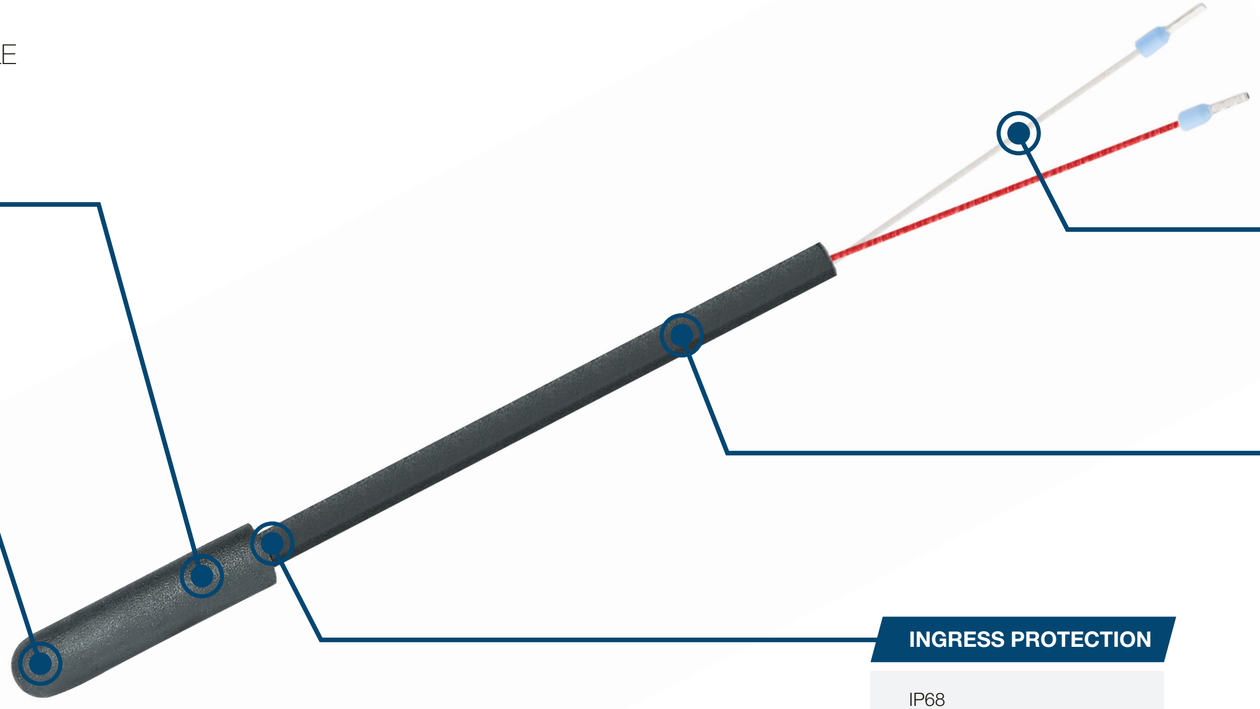
depending on model
IP65 // IP66 // IP67

OEM TEMPERATURE SENSORS

ASHCROFT ITS 2

TEMPERATURE SENSOR WITH EXTENSION CABLE

ASHCROFT®
Trust the shield.®



OPTIONAL PROBE SHEAT

Stainless steel for mechanical reinforcement

MEASURING ELEMENT

plastic over moulded
PT1000 // PT100 // NTC // KTY
and specific solutions

ELECTRICAL CONNECTION

- Wire leads
- Wire end ferrules
- Plug connection

EXTENSION CABLE

PVC // Silicone // PTFE
Length according to customer requirements

INGRESS PROTECTION

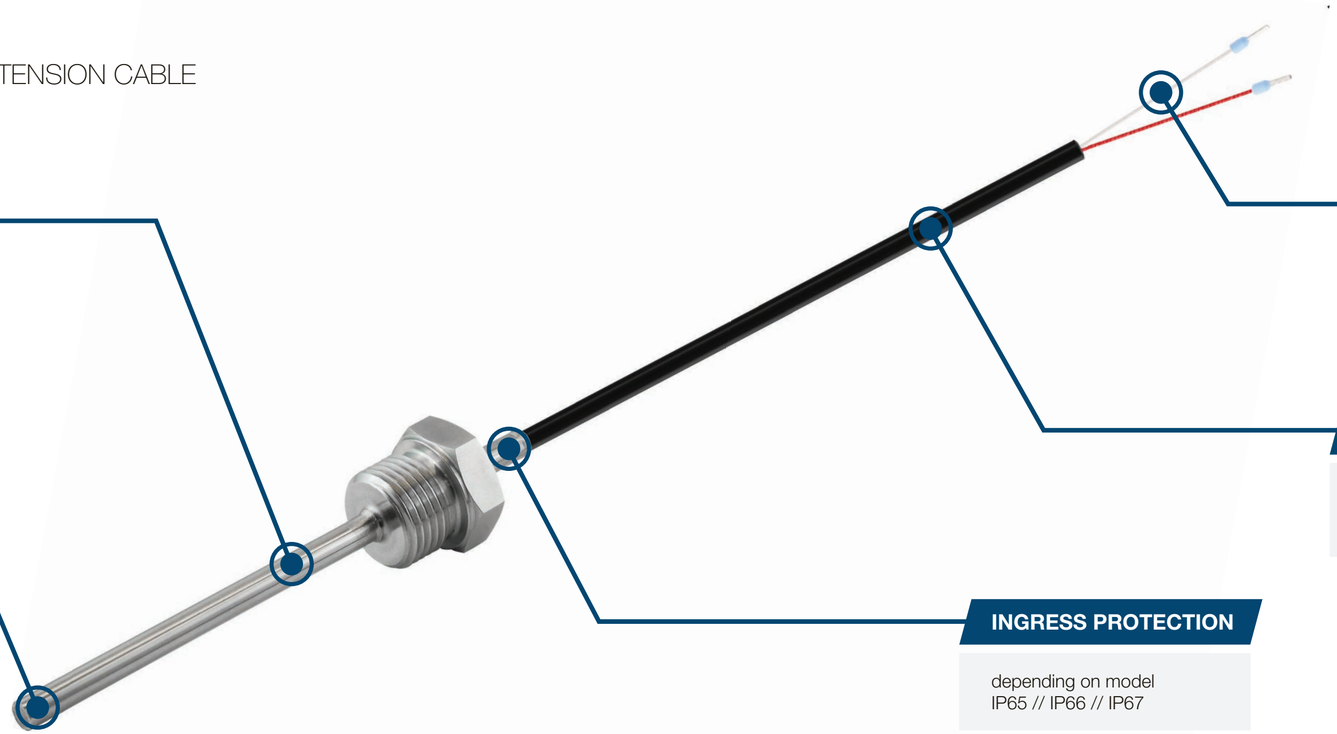
IP68

OEM TEMPERATURE SENSORS

ASHCROFT ITS 3

THREADED TEMPERATURE SENSOR WITH EXTENSION CABLE

ASHCROFT®
Trust the shield.®



THERMOWELL

Brass or stainless steel
Sensor diameter, thread and insertion length according to customer requirements

MEASURING ELEMENT

PT 1000 // PT 100 // NTC //
KTY und specific solutions

ELECTRICAL CONNECTION

- Wire leads
- Wire end ferrules
- Plug connection

EXTENSION CABLE

PVC // Silicone // PTFE
Length according to customer requirements

INGRESS PROTECTION

depending on model
IP65 // IP66 // IP67

OEM TEMPERATURE SENSORS

ASHCROFT ITS 4

THREADED TEMPERATURE SENSOR WITH PLUG CONNECTION

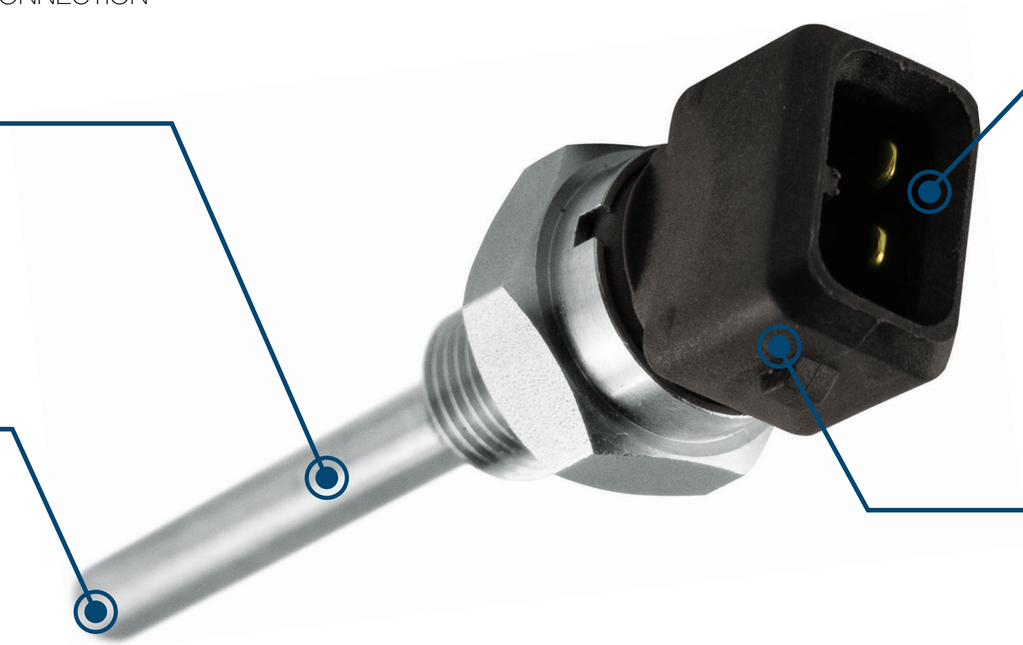
ASHCROFT®
Trust the shield.®

THERMOWELL

Brass or stainless steel
Sensor diameter, thread and insertion length according to customer requirements

MEASURING ELEMENT

PT 1000 // PT 100 // NTC //
KTY and specific solutions



PLUG CONNECTION

- Deutsch instrument connector DT04 - 2P
- Circular connector M12x1
- Circular connector M12x1 with neck tube 45 mm
- Bayonet connector DIN 72585
- Rectangular connector EN 175301 - 803 A
- FASTON-blade terminal 6,3 x 0,8 mm
- AMP Junior Power Timer
- specific solutions

INGRESS PROTECTION

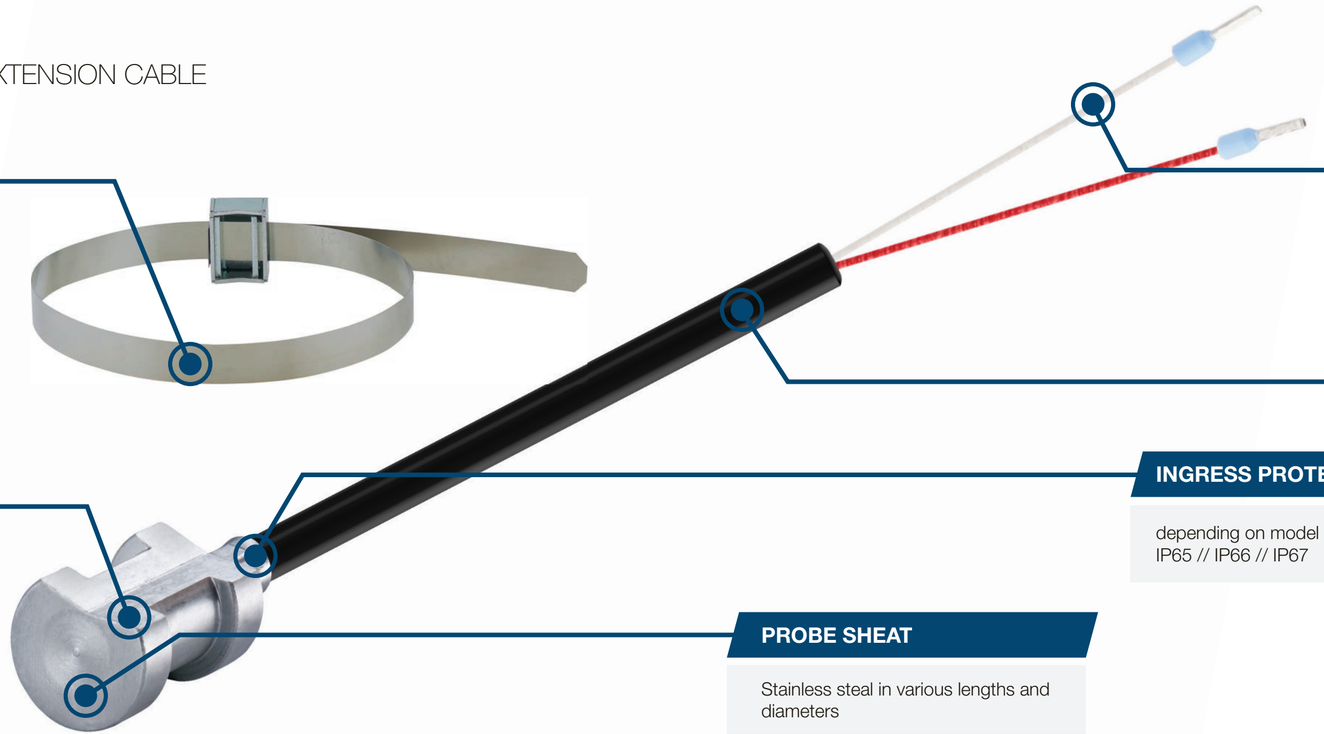
depending on the plug connection
IP52 // IP65 // IP66 // IP67 // IP69

OEM TEMPERATURE SENSORS

ASHCROFT ITS 5

STRAP ON TEMPERATURE SENSOR WITH EXTENSION CABLE

ASHCROFT®
Trust the shield.®



MOUNTING BRACKET

For direct mounting on a pipeline.
Design and material according to customer requirements

MEASURING ELEMENT

PT1000 // PT100 // NTC // KTY
and specific solutions

ELECTRICAL CONNECTION

- Wire leads
- Wire end ferrules
- Plug connection

EXTENSION CABLE

PVC // Silicone // PTFE
Length according to customer requirements

INGRESS PROTECTION

depending on model
IP65 // IP66 // IP67

PROBE SHEAT

Stainless steal in various lengths and diameters

OEM TEMPERATURE SENSORS

ASHCROFT CUSTOM ENGINEERED SOLUTION

/ ASHCROFT CES

OEM TEMPERATURE SENSORS

/ ASHCROFT CES

CUSTOMER-SPECIFIC SOLUTIONS AS CORE COMPETENCE

Each plant is individual, each challenge specific. We know that.

That's why we also know that meeting special problems with off-the-peg products alone is often not enough - and therefore does not meet our own standards:

We consider perfect product implementation and the realisation of smooth process flows - for example in the form of stocking concepts - to be elementary.

With our Custom Engineered Solutions (CES^{SM}) we offer our customers tailor-made solution concepts.

In close coordination between you, our product experts and our development engineers, we work out customised product solutions for the most individual applications.

This flexibility distinguishes us and enables us to offer our customers the best possible concepts.

We identify ourselves with your results and are aware of our responsibility. This is our understanding of partnership.

MEASURE US BY IT!

OEM TEMPERATURE SENSORS

ASHCROFT®

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www.ashcroft.eu

ASHCROFT INSTRUMENTS GMBH • Max-Planck-Str. 1 • 52490 Baesweiler • GERMANY