

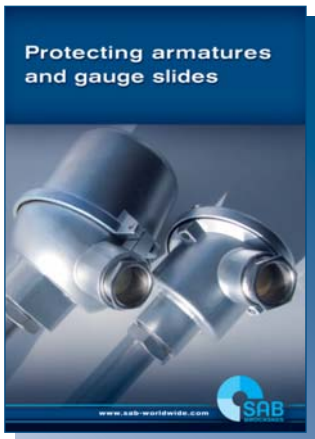
# Temperature Measurement Techniques



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## Protecting armatures and gauge slides

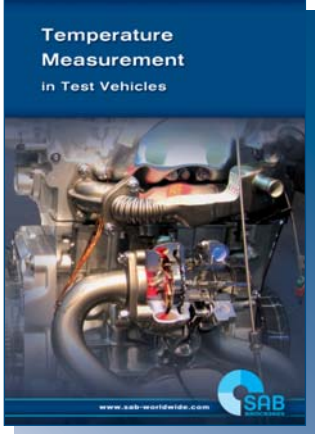
- Immersion protecting armatures
- Screwed protecting armatures
- Welding protecting armatures
- Flange protecting armatures
- Plug-in protecting armatures
- Resistance thermometer/gauge slides
- Thermocouple/gauge slides



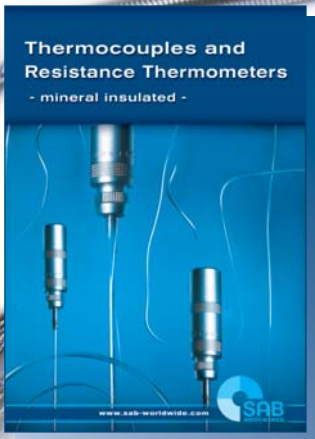
Supplier numbers	
AUDI	1917/0
BMW	609213-10
Daimler	10221810
Ford	DJM5A
Opel	1950428
Porsche	11901
VW	1917-0
VW Mexico	6002005770

## Temperature measurement in test vehicles

- Battery thermocouples
- Plunge-in thermocouples
- Self-adhesive thermocouples
- Thermocouples for cooling water tube applications
- Fuel thermocouples
- Thermocouples for combustion gas applications
- Dipstick thermocouples
- Measuring cross thermocouples
  - Thermo 8-plug connector - 2 poles
  - Thermo 16-plug connector - 2 poles
- Airflow resistance thermometers
- Dipstick resistance thermometers



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## Mineral insulated thermocouples/Mineral insulated resistance thermometers

- Mineral insulated thermocouples with fixed connecting cable
- Mineral insulated thermocouples with bare connection ends
- Mineral insulated thermocouples with thermo-plug/miniature plug
- Mineral insulated thermocouples with Lemos connection element
- Mineral insulated thermocouples with connection head
- Mineral insulated thermocouples with connection head and screwed thread
- Corresponding types as resistance thermometer





## Temperature measurement in plastic processing industry/Hot runner technique

- Hot runner mineral insulated thermocouples
- Ring thermocouples
- Molten mass thermocouples
- Angle thermocouples
- Pipe-clamp thermocouples
- Molten mass temperature probes
- Surface thermocouples
- Angle resistance thermometers
- Plug-in resistance thermometers



## Probe with stainless steel sleeve

- available as thermocouple
- available as resistance thermometer

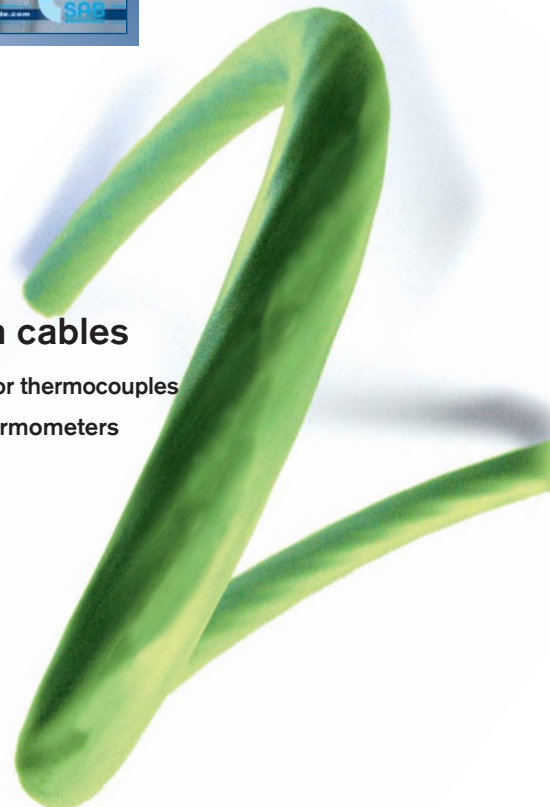


## Compensating and extension cables

- Compensating and extension cables for thermocouples
- Connection cables for resistance thermometers

### Accessories

clamping screw connections · flanges  
 screw sockets · connection heads  
 welding protecting armatures  
 transmitters · thermo-plugs/sockets  
 miniature plugs/sockets · screw-in nipples



# THERMOCOUPLES/RESISTANCE THERMOMETERS

**M**ore than 60 years of experience in temperature measurement and control technique as well as in cable production have made a one man business a company with approximately 500 staff members.

Our strength is not only the production of standard products but also the development and manufacturing of special products according to customers' specifications. Every single product is a challenge for our technical team. We at SAB Bröckskes see ourselves as manufacturer and service provider - in the sense of real partnership and customer oriented work.

If you need temperature probes, accessories or any technical advice for your next application in temperature measurement, please call us.

For further information material on our individual products, please send us the following fax reply.



**Fax reply: 0049 / (0)21 62 / 89 81 56**

Please send us info material on the following subjects:

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| <input type="checkbox"/> Protecting armatures and gauge slides   | <input type="checkbox"/> Temperature measurement in test vehicles  |
| <input type="checkbox"/> Mineral insulated thermocouples/<br>Mineral insulated resistance thermometers | <input type="checkbox"/> Temperature measurement in plastic processing<br>industry/Hot runner technique                        |
| <input type="checkbox"/> Probe with stainless steel sleeve   | <input type="checkbox"/> Compensating and extension cables for thermocouples/<br>Connection cables for resistance thermometers |

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