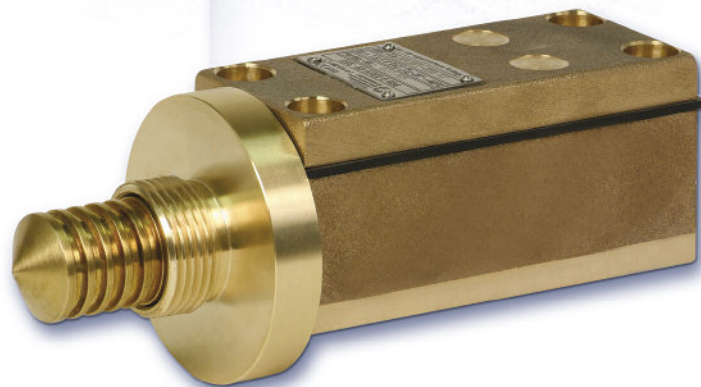




We give
impulses >>>



TEMPERATURE SWITCHES

FOR RELIABLY MONITORING
THE TEMPERATURE OF FLUIDS

- iTA395
- iTA617
- iTA622
- iTA630

THE TEMPERATURE SWITCHES

OF TIEFENBACH CONTROL SYSTEMS...



ARE EASY TO INSTALL AND HAVE BEEN ESPECIALLY DEVELOPED FOR RELIABLY MONITORING THE TEMPERATURES OF DIFFERENT FLUIDS OR HOUSING SURFACES

- Thanks to the use of corrosion-resistant materials the temperature switches are suitable for use in aggressive fluids.
- The temperature measurement is effected via one or more thermal switches with fixed switching point (NAMUR option possible) or via PT-100 elements. The temperature switch can be connected electrically via terminals, diodes, plug connectors or cable. The monitoring elements are embedded in cast resin in order to ensure adequate safety with respect to explosion protection.
- All temperature switches are certified according to Directive 94/9/EC (ATEX).



TIEFENBACH CONTROL SYSTEMS OFFERS OPTIMUM SOLUTIONS FOR THE MOST VARIED TEMPERATURE MONITORING APPLICATIONS





TEMPERATURE SWITCH

iTA 395

for monitoring temperatures in fluids

- Rugged and maintenance-free design
- Fastening options screw-in thread or cap nut
- Switching temperature: 50 °C up to 120 °C or analogously with PT100
- Connection via terminals
- Resistant to aggressive media
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)

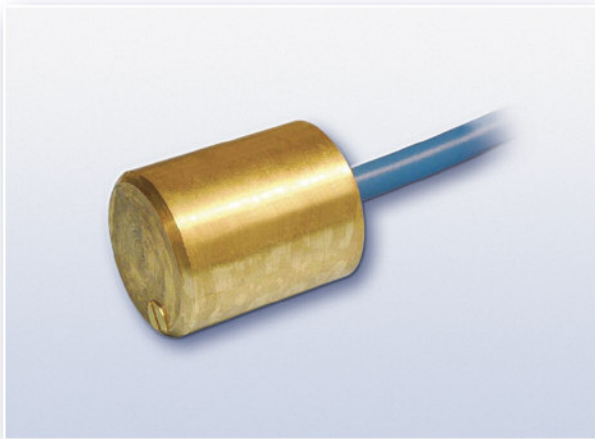


TEMPERATURE SWITCH

iTA 617

for monitoring temperatures in housings or fluid media

- rugged and maintenance-free design
- available with probe tube lengths of 45 mm and 90 mm as standard
- switching temperature: 50 °C up to 110 °C
- continuous temperature measurement optionally
- plug-type connection
- resistant to aggressive media
- Type of protection: IP 54 acc. to EN 60529/IEC 529; EEx ia I intrinsically safe acc. to Directive 94/9/EC (ATEX)



TEMPERATURE SWITCH

iTA 622

for monitoring surface temperatures

- Rugged and maintenance-free design
- Fastening acc. to individual requirements
- Switching temperature: 50 °C to 120 °C
- Connection via cable
- Resistant to aggressive media
- Type of protection: IP 65 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)



TEMPERATURE SWITCH

iTA 630

for monitoring temperatures in housings or fluid media

- Rugged and maintenance-free design
- Can be supplied with a probe length of 45 mm as standard
- Switching temperature: 50 °C up to 110 °C
- Continuous temperature measurement optional
- Plug-type connection
- Resistant to aggressive media
- Type of protection: IP 54 according to EN 60529/IEC 529; EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)

We give
impulses >>>

TIEFENBACH
Control Systems GmbH



Tiefenbach Control Systems GmbH · Rombacher Hütte 18a · 44795 Bochum
Telephone +49 (0) 234 - 777 66-0 · Fax +49 (0) 234 - 777 66-999
info@tiefenbach-controlsystems.com · www.tiefenbach-controlsystems.com