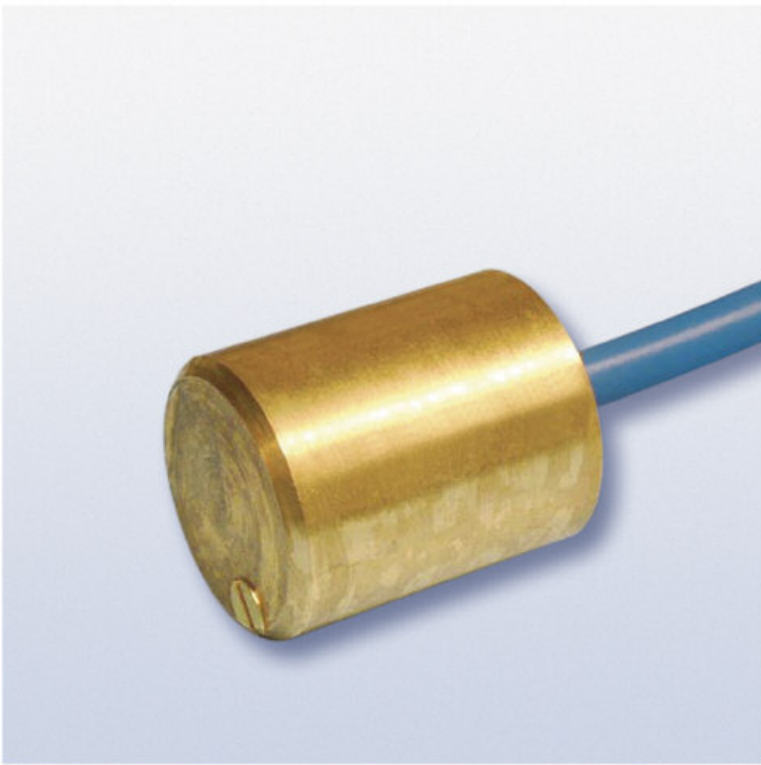




Temperature switch iTA622

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
- Ex-approval: I M2 EEx ia I intrinsically safe according to Directive 94/9/EC (ATEX)



**Monitoring the surface
temperature of a screw-type
compressor**

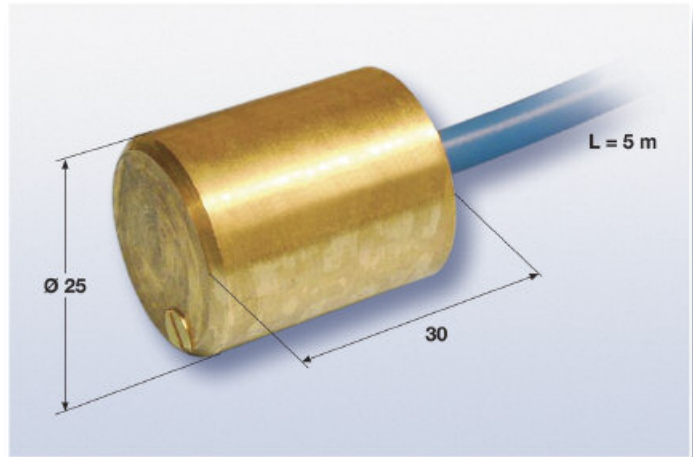


iTA622

FUNCTION AND DESIGN

The switch is designed for monitoring the surface temperatures of housings. Up to two thermal contacts with fixed switching point can be installed into the turned brass part as monitoring elements. These elements are embedded in cast resin. This arrangement ensures adequate safety with respect to explosion protection and mechanical damage.

In order to ensure that the switch can be fastened individually special assembly aids are not provided.



TECHNICAL DATA

Temperature contact	2 NC or NO contacts max.
Switching temperature	50 °C to 120 °C
Tolerance	± 5K
Hysteresis	30 K ± 15 K
Dimensions	Ø 25 x 30
Type of connection	cable
Type of protection	IP 65 according to EN 60529/IEC 529
Ex-approval	I M2 EEx ia I acc. to Directive 94/9/EC
Certificate number	BVS 03 ATEX E404

TYPE CODE AND ORDERING INFORMATION

* T A 622 L ** *** _ ** ***	Response temperature °C
	Switching contact: 10 > NO 20 > NC
	Response temperature °C
	Switching contact: 10 > NO 20 > NC
	Type of connection: pre-fitted cable
	Series
	Design acc. to ATEX
	Temperature switch
	i > intrinsically safe w > non-explosionproofed version

TYPICAL EXAMPLE

iTA622L20070	■ Intrinsically safe temperature switch acc. to ATEX	■ Switching contact: NC with response temperature 70°C
	■ Connection via pre-fitted cable	

Subject to technical alterations · Version 08/12