

## Resistance thermometer LTS 150

### Features

- Modular resistance thermometer for food industry
- Adaptable with sleeve socket- and process connecting thread (see accessories)
- With different connection heads on DIN available
- Changeable measuring element with ceramic socket or measuring transducer
- Specials on request

### Technical specifications

- Protective fitting made of stainless steel 1.4571 (V4A)
- Diameter 6 mm
- connecting thread for sleeve sockets and process connecting threads G 1/2"
- Temperature ranges: -50 °C to +400 °C (extended ranges on request)

### Product benefits

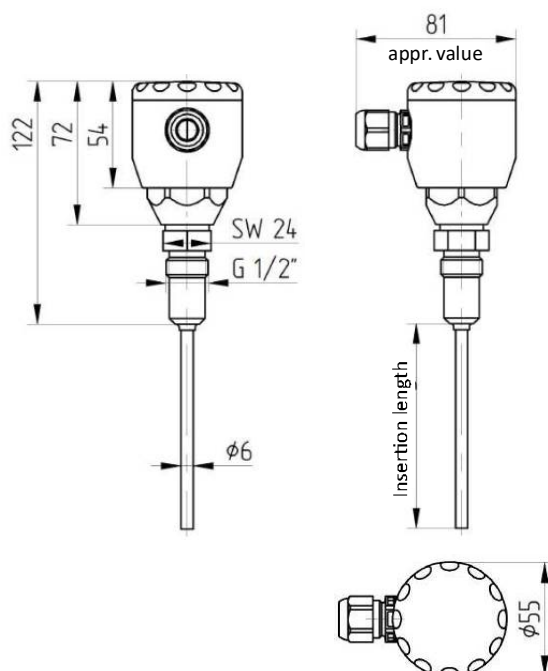
The LTS 150 is a temperature sensor for the food industry. The sensor has a metal sealing cone below the connection thread. Due to the modular process connection system, it can be installed in aseptic welding sockets as well as with various standardized process connections. Due to the simple exchange of the measuring element, this sensor is also ideally suited for use in closed processes. High-quality materials also give this sensor a very long service life.



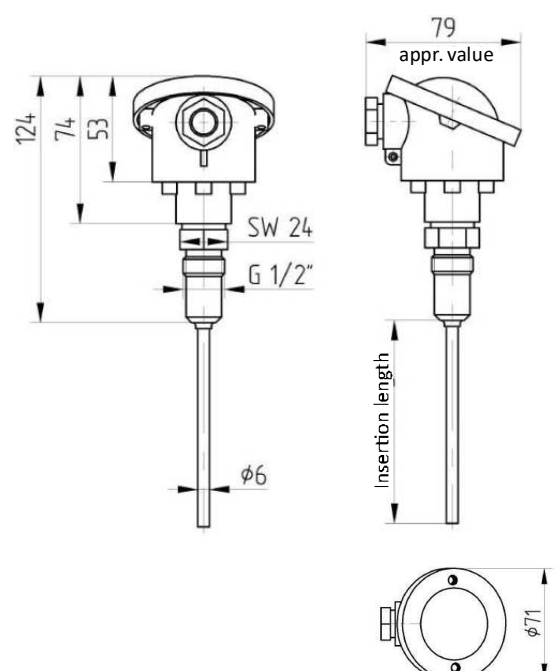
**LTS 150-5-B-1A3-KMU**

### Technical drawing

#### Stainless steel head



#### Aluminium head



**Order-code LTS 150**

order example: LTS 150-5-A-1A3-KMU (0-100 °C)

**Connection heads**

-1	aluminiumhead standard, with screwing, protection class IP65
-2	aluminiumhead with flap lid, with screwing, protection class IP65
-3	aluminiumhead with flap lid and snap closing, with screwing, protection class IP54
-4	aluminiumhead with high flap lid, with screwing, protection class IP65
-5	stainless steel head standard with screw cap, with screwing, protection class IP69K
-6	stainless steel head standard, with M12-plug, protection class IP69K
-15	stainless steel head hightened design with screw cap,with screwing, protection class IP69K
-16	stainless steel head hightened design with screw cap, with M12-plug, protection class IP69K

**Mounting length**

-A	50 mm mounting length
-B	100 mm mounting length
-C	150 mm mounting length
-D	200 mm mounting length
-E	250 mm mounting length
-F	300 mm mounting length
-G	350 mm mounting length
-H	400 mm mounting length
-K	mounting length on customer`s request (please specify length)

**Neck tube length**

-without details	without neck tube
-HR100	neck tube length 100mm
-HR XX	neck tube length in mm after customer specification (z.B. 50mm)

**Type of sensor and tolerance**

-1A2	1xPT100 class A 2-wire
-1A3	1xPT100 class A 3-wire
-1A4	1xPT100 class A 4-wire
-2A2	2xPT100 class A 2-wire
-2A3	2xPT100 class A 3-wire
-KX	type of sensor and tolerance on customer`s request

**Optional**

-KMU	with measuring transducer (please specify required configuration/preadjustment)
-2KMU	with 2 programmable measuring transducers (head hightened design necessary, please specify temperature range)

**Accessories**

**Welding sleeves**

-99-000191	KEM 150, welding sleeve, bullet, for G1/2" sealing system, diameter 35m, hygienic process adaption
-99-000193	ZEM 150, welding sleeve, cylinder, for G1/2" sealing system, diameter 30mm, hygienic process adaption

**M12-Connection wires**

-101090	connection cable M12 angled, 4-pole, 5m PVC cable, grey
-101087	connection cable M12 straight, 4-pole, 5m PVC cable, grey

**Other lengths available on request.**

**For more accessories, see accessories data sheet**