KombiTemp® // Bayonet plug or cable
## 50...650 °C

K 8312

Highlights

- High measurement reliability due to two independent measuring points
- Fast detection of malfunctioning probes or dial thermometers in the system to be checked
- Low installation costs, advantages of the dial thermometer

Technical data		
Version	Straight	Angle 90°
Dimensions housing	80 mm	
Measuring range	50...650 °C	
Medium / Application	Liquid and gaseous media	
Immersion tube length	115 mm, 215 mm or 220 mm	
Immersion tube diameter	13 mm	
Process connection	G¾	
Nominal pressure	PN 40	
Thermometer filling	Silicone oil	
Medium temperature	50...650 °C	
Anbient temperature	-20...60 °C	
Storage temperature	-20...60 °C	
Degree of protection EN 60529	Dial thermometer IP65 Electrical sensor IP56	
Approvals		
DNV		

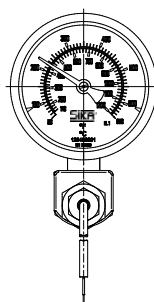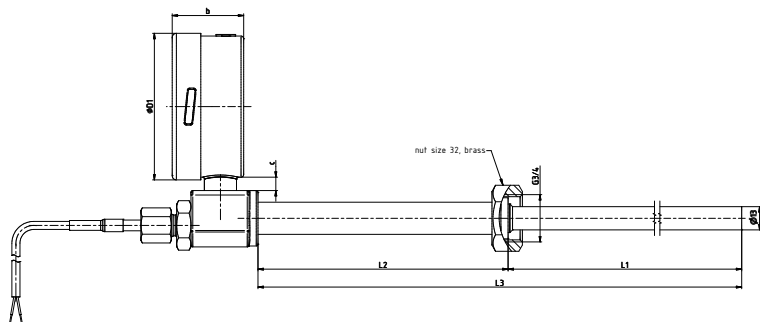| Electrical data	
Measuring element	1 x NiCr-Ni (type K)
Accuracy	Class 1
Electrical connection	Connecting cable FEP, shielded or bayonet connector

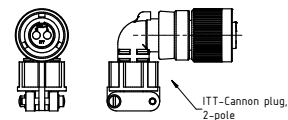# Technical drawings

Type K 8312 - Version 1
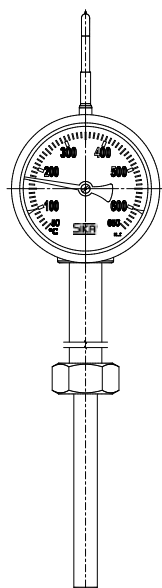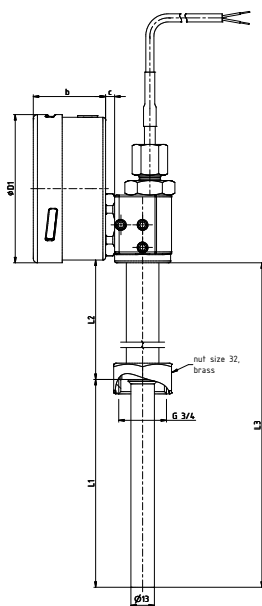
Type K 8312 - Version 2
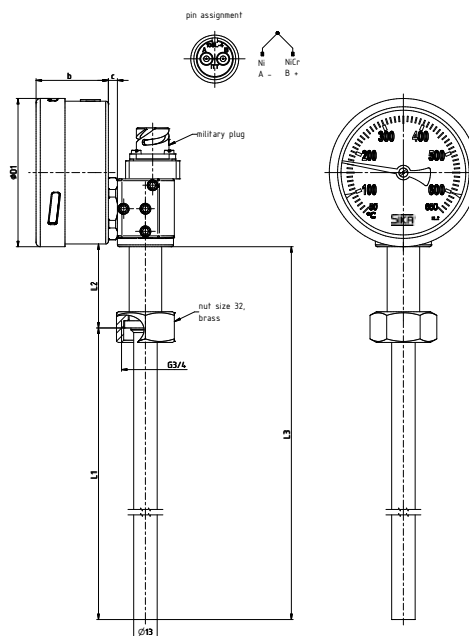
Type K 8372 - Version 3

90° Military - angle plug connector*

* only for version 2

Dimensions [mm]	b	c	ØD1	L1	L2	L3
Version 1	40	5	82	115	165	274
Version 2	40	5	82	220	51.5	265
Version 3	40	7.5	82	215	140	355

Materials

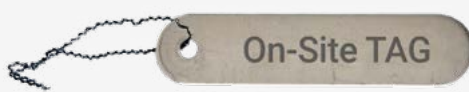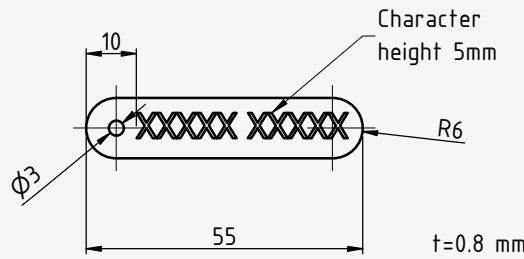| Materials	
Not in contact with medium	
Housing	Hot pressed aluminium part, silver anodized and stainless steel 1.4571
In contact with medium	
Process connection	Brass
Immersion tube	Stainless steel 1.4571

Article numbers

Order code	
KombiTemp® K8312 – Version 1	K8312V5610000001
KombiTemp® K8312 – Version 2	K8312V5610000002
KombiTemp® K8372 – Version 3	K8372V5622150001
90° Military - angle plug connector	XMT0004

Accessories

Accessories	Article number
Measuring point designation Laser-inscribed stainless steel plate with fixing wire for easy attachment to measuring points → **Scope of delivery:** Designation plate inscribed according to specification and enclosed fixing wire (sealing wire) → **Fastening:** Wire (included in delivery), alternatively sealing, cable ties or similar (not included in delivery) → **Materials:** Plate stainless steel 1.4571, wire stainless steel → **Dimensions:** Plate 55 x 10 x 0.8 mm, wire length 180 mm → **Inscription:** one-sided, single-line, max. 11 characters, character height 5 mm, designation width max. 40 mm, letters, numbers, symbols, barcodes, QR codes → **Transmission of designations:** digital list, file formats Excel, Word or CSV	**ONSITETAG**