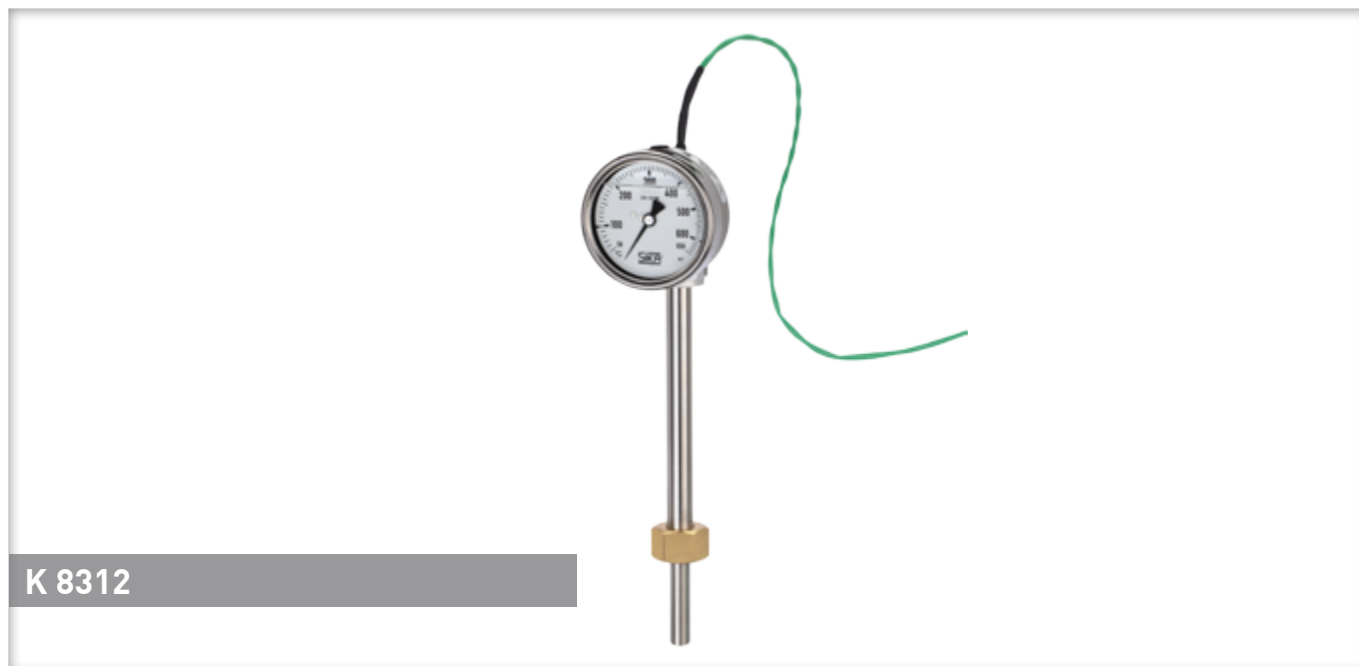


KombiTemp® // Bayonet plug or cable // 50...650 °C



K 8312

Your advantages

Series	K 8312
	• 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	G $\frac{3}{4}$	
Nominal pressure	PN 40	
Thermometer filling	Silicone oil	
Medium temperature	50...650 °C	
Ambient temperature	-20...60 °C	
Storage temperature	-20...60 °C	
Degree of protection EN 60529	Dial thermometer IP65 Electrical sensor IP56	

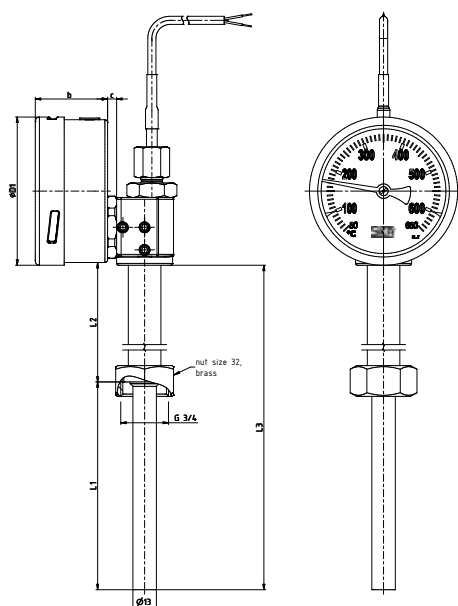
Approvals



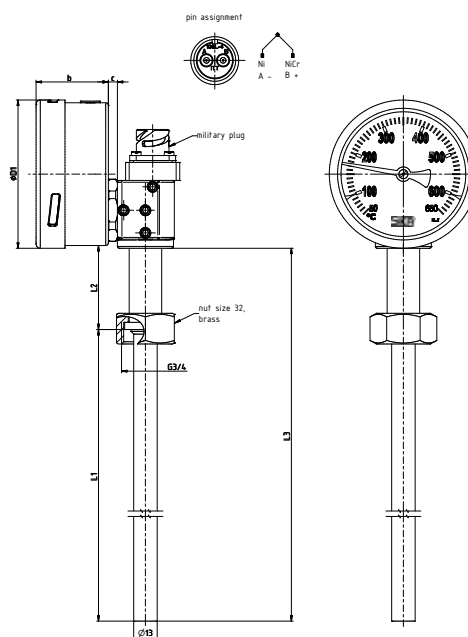
Electrical data

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

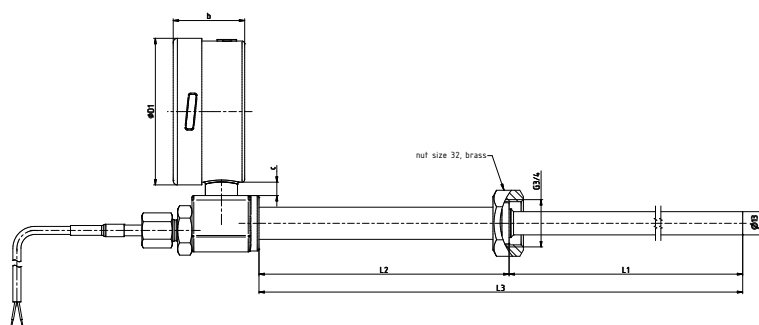
Typ K 8312 - Version 1



Typ K 8312 - Version 2



Typ K 8372 - Version 3



90° Military - angle plug connector*



* only for version 2

Dimensions [mm]	b	c	ØD ₁	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

Material**Not in contact with medium****Housing**

Hot pressed aluminium part, silver anodized

In contact with medium**Process connection**

Brass or stainless steel 1.4571

Immersion tube

Brass or stainless steel 1.4571

Order code**KombiTemp® K8312 - Version 1**

K8312V5610000001

KombiTemp® K8312 - Version 2

K8312V5610000002

KombiTemp® K8372 - Version 3

K8372V5622150001

90° Military - angle plug connector

XMT0004