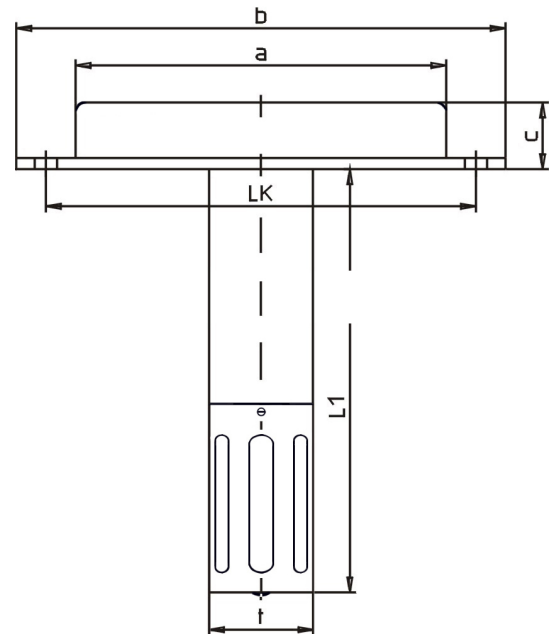
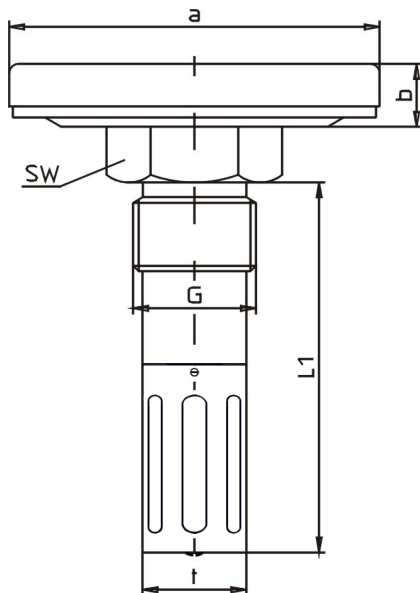


Case:	Diam. 100 steel zined - Diam. 160	
Bezel:	Stainless steel AISI 304	
Dial:	Aluminium, white varnished lettering and graduation black	
Pointer:	Aluminium, black adjustable at end of stem	
Window:	Instrument glass - Perspex window - Laminated safety glass	
Stem:	L = 100 x Ø 28 mm copper nickel plated - Other lengths are available	
Measuring system:	Double or fourfold for rel. humidity	
Measuring range:	0-100% rel. humidity	
Operating range:	-30+80°C	
Connection:	Backwards - Bottom (not available with double stem)	
Features:	- With sliding contact for signalling - With double scale for humidity and temperature 0-60°C ( 2 stems backwards - Ø 160 only with surface mounting flange)	
Mounting method:	With back flange, steel zined, surface mount or with fixed connection thread G 1" made of brass - With back flange made of stainless steel AISI 304 (diam.100 only) - Stem with movable flange steel zined Ø 80 mm, surface mount	
Accuracy class:	± 3% from 30-75% rel. humidity at 18-22°C  - Dial imprint in English  - OPTIONS	
Mounting method:	Article number: G 1" brass                      Back flange	
Diam. 100	890	894





Type	a	b	t	G	SW
890	100	15	28	1"	36

Type	a	b	LK	c	t
894	100	132	116	18	28

These gauges are produced for air duct and climatic chamber installations. For good ventilation of the humidity measuring element the stem is fitted with air vents. The air vents are sealed with a stainless steel gauze inside the stem, in order to prevent the infiltration of dust and therefore the damage of the measuring element.

As such gauges are insensitive to their orientation, the instrument can be mounted axial, vertical or in oblique position.

The measuring element is suitable for a permanent temperature up to plus 80°C. A temporary max. load up to 120°C is acceptable.

If the gauge works at steady low humidity, an annual activation and a recalibration of the measuring element should be made.

The activation takes place by bandaging the perforation of the stem with a wet cloth (approx. 60 minutes). The gauge should then indicate approx. 96% rel. humidity. Perhaps the instrument can be recalibrated by using a screwdriver.

Air flow protection sleeve for high air velocity and/or additional dust filter are available accessories.

Dimensions and technical data are conform to current company standard. Changes to improve our instruments will be made without preannouncement.