

Bayonet ring case stainless steel

Standard Versions

Information on general and metrological features (temperature resistance) and temperature ranges / error limits / smallest subdivision can be found in model overview 8000.

Measuring Unit

With nitrogen filling
(inert gas, physiological harmless)

Accuracy (EN 13 190)

Class 1

Case

With bayonet ring, 1.4301 (304 stainless steel)

Case Protection Type (EN 60 529 / IEC 529)

IP 65

Nominal Case Sizes

100, 160 (mm) (4", 6")

Case Configuration

Connection temperature

sensor (stem): rigid mount

Stem position: backsided ambient temperature stem

Mounting device: back flange for surface mounting (Rh),
with distance bolts to the case
see page 2

Temperature Ranges

-40 / +40 °C

-30 / +50 °C

-20 / +60 °C

Window

Instrument glass

Movement

Brass / German silver

Dial

Aluminum, black figures, white background

Pointer

Aluminum, black

Zero Adjustment ($\pm 6\%$)

Externally by a screw



Ordering Information, Standard Temperature Ranges, Options

See page 4

Special Versions and further Options among others

- Other temperature ranges and/or special scales, e.g. double scale °C/°F, coloured fields or areas, dial inscriptions, etc.
- Case parts 1.4404 (316 L stainless steel) upon request
- GOST-version for Russia, Ukraine, Kazakhstan

Accessories

electronical: limit switch contact assemblies,
see catalogue heading 9.1



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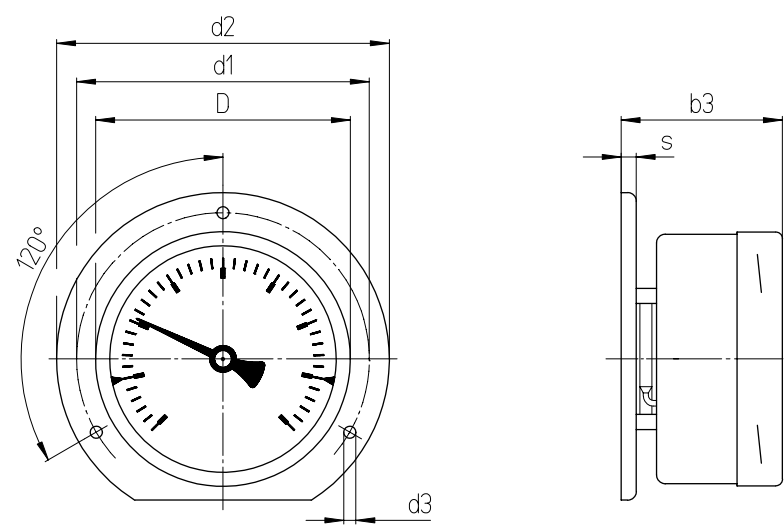
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Stem Position, Dimensional Data and Weights, Ordering Information with Ranges, Options

Stem Position of backsided Temperature Stem

no additional code letter



Dimensional Data (mm / inches) and Weights (kg / lb)							
NCS	b3	D	d1	d2	d3	s	approx. weight TRCh
100	64	101	116	132	4.8	6	0.52
4"	2.52	3.98	4.57	5.2	.18	.24	1.14
160	63.5	161	163	196	5.8	6	0.88
6"	2.5	6.34	6.42	7.72	.23	.24	1.94

Ordering Information with Indication- and Temperature Ranges, Options

Basic Model:		Ambient temperature thermometer	TRCh
Case filling:	without		without code letters
Nominal case size:	case-Ø 100, 160 (mm) (4", 6")		100, 160
Pressure ranges:	-40 / + 40 °C		
	-30 / + 50 °C		-30 / + 50 °C
	-20 / + 60 °C		
Options:	red mark	on the dial	(order at the moment still as cleartext)
	plastic clip	red or green external at the bayonet ring	
	stationary red pointer on the dial		
		adjustable when removable ring	
	case polished		
	bayonet ring polished		
	measuring point marking	stainless steel plate 12mm x 55mm (0.47" x 2.17") wire mounting or sticker on case coverage	

Example: TRCh 100, -30/ +50°C

Special Versions: Please describe your requirements clearly

Technical changes, replacement of materials and errors excepted.