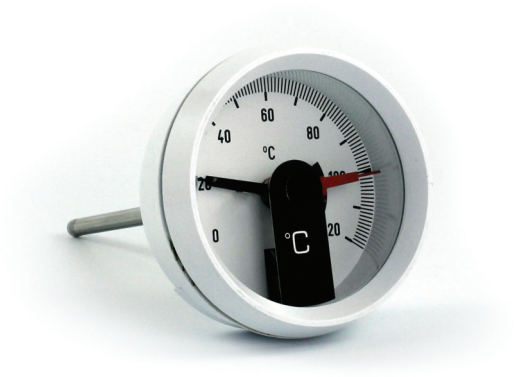
A.1.4.

CONTACT BIMETALLIC THERMOMETER DKR

diameter 106mm
contacts Min, Max



DESCRIPTION:

- resistant plastic head
- stainless steel stem 17 248/1.4541
- glass inspection hole
- adjustable contacts Min or Max
- thermometer is supplied without well
- bottom connection

APPLICATION:

- heating and sanitary industry
- heating management, power engineering
- food industry
- chemical industry
- hydraulic systems

TECHNICAL PARAMETERS:

- case diameter: 106mm
- temperature range: -30+50, 0-120, 0-200, 0-350°C
- stem length: 100, 160, 250, 400mm
- stem diameter: 8mm
- accuracy class: ±2%
- contact load: 250V/50mA

SPECIFICATION:

DKR thermometer is equipped with switch-on contacts and due to its application it is manufactured as a maximum or minimum type. Max thermometer ensures, that the contacts are getting closer with increasing temperature and when the set temperature is reached, the circuit is connected. Minimum thermometers ensure, that the contacts are getting closer with decreasing temperature and when the set temperature is reached, the circuit is connected.

A well must be used if it is necessary to protect the stem from high pressures or aggressive agents. Standard wells are available - steel PN6, stainless steel PN25 and PN40, then special wells for high parameters according to DIN or ON standards.

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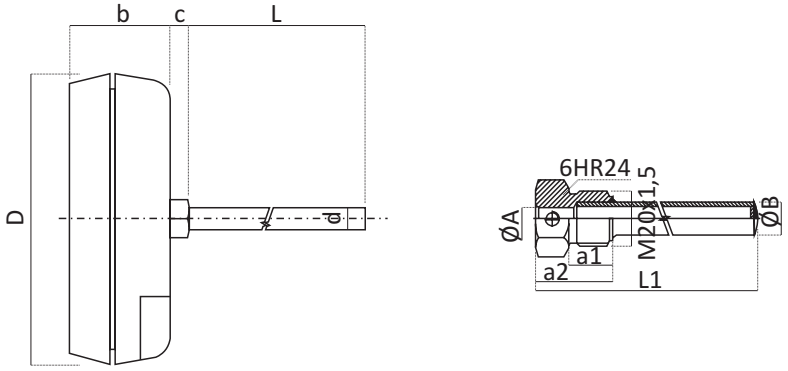
Thermometer	Dial grading	Scale range	Stem length ... L [mm]			
Type	by°C	°C	Ød=8mm			
			100	160	250	400
DKR	2	-30+50	X	X	X	X
	2	0-120	X	X	X	X
	5	0-200	X	X	X	X
	10	0-350	X	X	X	X

• DKR - back connection, straight version



Diameters in mm							
Type	ØD	c	Ød	L	b	a1	a2
DKR	106	4	8	100,160,200,400	40	16	28

INSTALLATION:

• loose installation: if the thermometer is not placed into liquid, gas or pressure environment
• installation with accessories:
- sliding threaded socket
- thermometric well
- thermometers with range 0-350°C and 0-450°C must not be used without well

The well is always by approx. 5 mm longer than the stem. Wells come in number of versions and designs - steel with varnish or chromium surface finish and stainless steel wells 17 246/1.4878, 17 248/1.4541, steel wells PN6, stainless steel wells welded from more pieces Pn25 or one-piece PN40. For high pressures use ON wells, see catalogue page A.1.13.