

Delivery address: Mackenrodtstraße 14,
36039 Fulda, Germany
Postal address: 36035 Fulda, Germany
Phone: +49 661 60 03-0
Fax: +49 661 60 03-6 07
E-mail: mail@jumo.net
Internet: www.jumo.de

JUMO House
Temple Bank, Riverway
Harlow, Essex CM20 2TT, UK
Phone: +44 12 79 63 55 33
Fax: +44 12 79 63 52 62
E-mail: sales@jumo.co.uk

885 Fox Chase, Suite 103
Coatesville PA 19320, USA
Phone: 610-380-8002
1-800-554-JUMO
Fax: 610-380-8009
E-mail: info@JumoUSA.com
Internet: www.JumoUSA.com



Bimetal Dial Thermometers Class 1 to DIN 16 203 laboratory and food industry version Series 8056

in stainless steel case
Protection IP54
Case size 50 mm dia.



Type 8056-01-50

Brief description

Bimetal dial thermometers are universal thermometer for local temperature measurement.

Features:

- insensitive to ambient temperature
- rugged measuring system
- stainless steel anti-corrosion case
- Protection IP54
- environmentally friendly (no filling fluid)

Type designation

8056 Series 8056
Bimetal dial thermometer,
laboratory and food industry
version

Ranges

(to DIN 18 203)

Scale °C	Measuring range °C	Accuracy °C	Active probe length L ①
-20 to + 40	-10 to + 30	1	55
-20 to + 60	-10 to + 50	1	85
-30 to + 50	-20 to + 40	1	85
-40 to + 40	-30 to + 30	1	85
-40 to + 60	-30 to + 50	1	70
0 to + 60	+10 to + 50	1	55
0 to + 80	+10 to + 70	1	85
0 to +100	+10 to + 90	1	70
0 to +120	+20 to +100	2	60
0 to +160	+20 to +140	2	50
0 to +200	+20 to +180	2	45
0 to +250*	+30 to +220	2.5	75
0 to +300*	+30 to +270	5	65
0 to +350*	+50 to +300	5	55
0 to +400*	+50 to +350	5	50
0 to +500*	+50 to +450	5	45

* ranges at extra charge
other ranges to special order

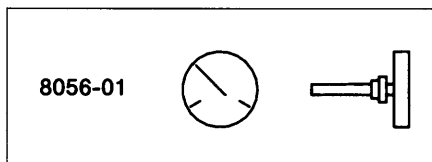
TA 04 Immersion tube with fixed hexagon, stainless steel

② screw-in boss to DIN 3852 Part 2 Form A

Standard accessory

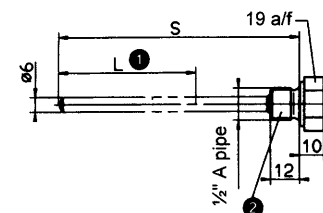
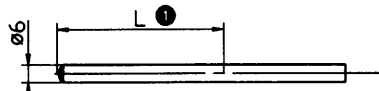
Operating Instructions B 60.8001

Pattern



Temperature probe (TF)

TF 05 Temperature probe with plain support tube, stainless steel

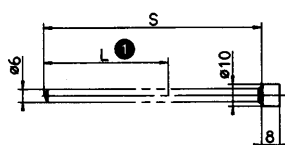


Case size

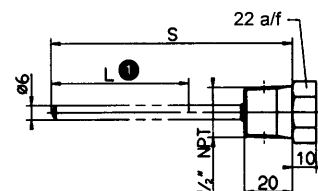
8056-01-50 case dia. 50 mm

Probe mounting (TA)

TA 01 Immersion tube with shoulder, stainless steel



TA 04 Immersion tube with fixed hexagon, stainless steel



Ordering example

Dial thermometer
Type 8056-01-50
Range: 0 to +120 °C
Probe: TF 05, stainless steel, 6 mm dia.
Mounting: TA 04, 1/2" A pipe, stainless steel,
S = 100 mm

Specify dimension S when ordering

S (standard lengths in mm)							
50	63	80	100	150	200	300	max 400

Technical data

(details for standard version)

Case and bezel

stainless steel, Mat.Ref. 1.4301

Scale

blank aluminium, black figuring
other versions to special order

Window

glass

Indication

pointer movement 260° $\angle$ approx.

Measuring system

bimetal movement

Indicating accuracy

Class 1 to DIN 16 203

Dynamic response

90 % time approx 30 sec
measured in moving water with 6 mm dia.
stainless steel temperature probe

Nominal operating ranges

Permitted ambient temperature

-30 to +80 °C

Limiting temperature for storage and transport

-30 to +80 °C

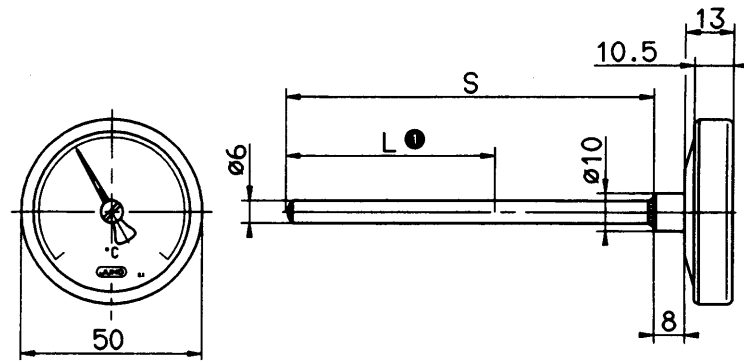
Operating position

unrestricted

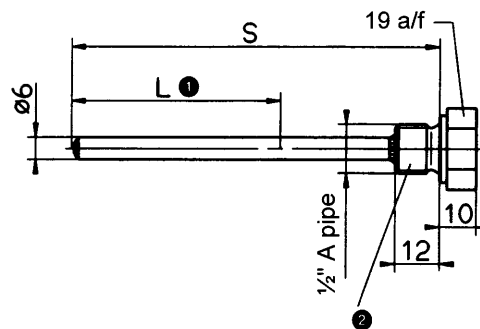
Protection

IP54 to EN 60 529

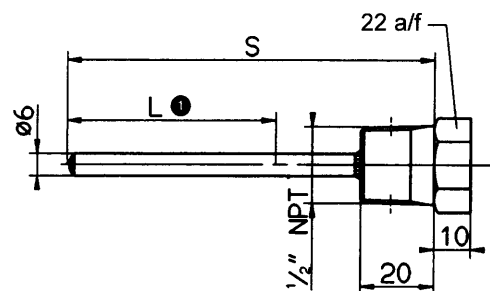
Dimensions



Mounting TA 01



Mounting TA 04



Mounting TA 04

mm	inch
6	0.24
8	0.31
10	0.39
10.5	0.41
12	0.47
13	0.51
20	0.79
45	1.8
50	1.97
55	2.2
60	2.4
63	2.5
65	2.6
70	2.8
75	3.0
80	3.1
85	3.3
100	3.9
150	5.9
200	7.9
300	11.8
400	15.7

① Measurements see Table

② Screw-in boss to DIN 3852 Part 2 Form A