DATA SHEET

Infrared measuring device Flash MiniSight

B+B SENSORS

Description

Characteristics features

- Laser spot helps to aim
- Small measuring spotof 13 mm in any distance less than 140 mm
- Fast sampling rate of 0.3 s
- Emissivity adjustable
- Visual and acoustic alarm
- Display illumination
- Display of MIN / MAX values
- HOLD-Function
- Tripod connection (M6)
- Thermocouple type K connection
- Software with picture based reports

Areas of application

- Mechanical maintenance
- Electrical maintenance
- Automotive testing

Technical data

Infrared measuring device	
Temperature measuring range	-32...+530 °C
Accuracy	±1 % or ±1 °C (20...530 °C), ±1,5 °C (19,9...0 °C), ±2,5 °C (-0,1...-20 °C) ±3 °C (-20,1...-32 °C)
Resolution	0,1 °C
Distance Spot ratio	20:1
Emission factor	0,100 - 1,100 (subsequently adjustable)
Response time	300 ms
Spactral response	8…14 µm
Smallest measuring spot	13 mm
Measuring point marking	<1 mW laser class IIa, laser beam with 9 mm offset
Display	Min/Max/Hold/°C/°F/Offset
Alarm	Optical and visual HIGH-/LOW-alarm
Environmental temperature	0...+50 °C, 10-95 %RH
Storage temperature	-20...+60 °C, without battery
Battery	9 V alkaline, ca. 40 h (laser + display off), ca. 20 h (laser + display on 50 %)
Dimensions	190 x 38 x 45 mm
Interface	USB interface, software interface
Scope of delivery	Measuring device, 9 V alkaline battery, manual, wrist strap, pouch, protection boot, adapter for photo tripod, USB interface cable, software
Artikelno.	0560 0448

Description

The Flash MiniSight infrared measuring device enables precise, non-contact temperature measurements of surfaces in a variety of applications. Small objects from 13 mm in size can be measured precisely at short distances. Adjustable alarm functions and an emissivity that can be retrospectively adapted to the measurement task make handling easier.

20:1	S (mm)	13	20	37	50
	D (mm)	140	300	700	1000

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