KERN JIT 100

Infrared thermometer for industry, environmental engineering and maintenance work



Article codes, product groups & Status information	
Model article-code	JIT 100
Model-Serie	JIT
Assortment	Testing & Measuring Devices
Product Type	Environment & Safety
Product group	Temperature Sensors
Product usage type	Main article
EAN code (Model)	4045761367746
Planned start date	2024-1HJ
Customs tariff number	90251900
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Temperature min	-32 °C
Temperature max	420 °C
D:S Optic	12:1

Technical data - Measuring system	
Units	°C;°F
Temperature sensor response time	250 ms
Sensor emisivity min	0,1
Sensor emisivity max	1
Temperature range1 min	-32 °C
Temperature range1 max	0 °C
Temperature1 accuracy	+/- 1,5 °C+0,1 °C/ °C
Temperature1 coefficient	+/- 0,1 °C/ °C
Temperature1 repeatability	+/- 0,7 °C
Temperature range2 min	0 °C
Temperature range2 max	100 °C
Temperature 2 accuracy	+/- 1,5 °C
Temperature 2 coefficient	+/- 0,1 °C/ °C
Temperature 2 repeatability	+/- 0,7 °C
Temperature range 3 min	100 °C
Temperature range 3 max	420 °C
Temperature 3 accuracy	+/- 1,5%
Temperature 3 coefficient	+/- 0,1%/ °C
Temperature 3 repeatability	+/- 0,7%

Technical data - Construction	
Temperature sensor laser power	0,001 W
Temperature sensor laser class	2
Dimensions (W×D×H)	162×90×48 mm
Temperature stative mounting	Yes

Technical data - Power supply	
Power supply	Battery
Battery type	Alkali(-Manganese)
Quantity Batteries	9 V Block
Power battery connector	9V Block
Battery working period	9 h

Power battery connected	Nicht angeschlossen, beiliegend
Battery status	Yes
Has electronics	Yes

Technical data - Functions	
Func statistics	Yes
Auto-Off battery	15 Sek
Function averaging	Yes
Function min/ max limit measurement	Yes

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	225×110×65 mm
Gross weight	0,35 kg
Net weight	0,25 kg
Shipping method	Parcel service
UN number	Drycell (UN number Alkaline: none, NiMH: 3496 - Packing instruction #1)
Packaging component - by weight - cardboard	136 g
Delivery time	1 d

Functions

Standard

