

Selection Guide: Infrared Radiation Pyrometer KT18-Series

Technical Data of Infrared Radiation Pyrometer KT18.04



Application:

Metals, Metal oxide, Ceramic, Semiconductors

Temperature Ranges

Nr.	Standard Range	Nr.	Extended Ranges
1	250 – 550 °C	6	250 – 1200 °C
2	300 – 800 °C	7	300 – 1300 °C
3	350 – 900 °C	8	350 – 1350 °C
4	400 – 1000 °C	9	400 – 1500 °C
5	500 – 1700 °C	10	500 – 1700 °C

Technical Data

Spectral Range	1,1...1,7 µm
Accuracy	1 % ± 1° C plus 0,05 %/°C of the difference between object and housing
Reproducibility	3 ‰
Emissivity	Adjustable: 0,1 to 1,0
Response Time	Adjustable: 10 to 100 ms
Permissible ambient Temperature	0 °C ... 60 °C
Storage Temperature	- 10 °C ... 70 °C
Analog Output	0 ... 20 mA or 4 ... 20 mA or 0 ... 1 V
Power Requirements	24V VDC ± 10% or 24 VAC ± 10%
	< 160 mA
Dimensions H / B / T	54 x 54 x 147 mm
Weight	0,6 kg

Accessories

Viewfinder, Digital Display, Cooling Housing, Power Supply

Selection Guide: Infrared Radiation Pyrometer KT18-Series

Technical Data of Infrared Radiation Pyrometer KT18.04

Dimensions:

