

Datasheet

Miniature-Infrared-Thermometer Optris CSmicro 3MH OPTCSMV3MH



Article ID	OPTCSMV3MH
Model	Miniature-Infrared-Thermometer Optris CSmicro 3MH
articlenumber	OPTCSMV3MHSF0505, OPTCSMV3MHSF0505K, OPTCSMV3MHSF053, OPTCSMV3MHSF053K, OPTCSMV3MHSF056, OPTCSMV3MHSF056K, OPTCSMV3MHSF305, OPTCSMV3MHSF305K, OPTCSMV3MHSF33, OPTCSMV3MHSF33K, OPTCSMV3MHCF0505, OPTCSMV3MHCF0505K, OPTCSMV3MHCF053, OPTCSMV3MHCF053K, OPTCSMV3MHCF056, OPTCSMV3MHCF056K, OPTCSMV3MHCF305, OPTCSMV3MHCF305K, OPTCSMV3MHCF33, OPTCSMV3MHCF33K, OPTCSMV3MHCF10505, OPTCSMV3MHCF10505K, OPTCSMV3MHCF1053, OPTCSMV3MHCF1053K, OPTCSMV3MHCF1056, OPTCSMV3MHCF1056K, OPTCSMV3MHCF1305, OPTCSMV3MHCF1305K, OPTCSMV3MHCF133, OPTCSMV3MHCF133K
Variante	integrated electronic
Temperature range	100°C ... 600°C
Spectral range	2,3 µm
Optical resolution (D:S)	33 : 1
Spot size: up from	1,0 mm
Repeatability	±(0,1% of reading +1°C) at ambient temperature 23±5°C
Emissivity	0,100 - 1,100

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Response time	8 ms
Temperature resolution	0,1 K
Power supply	5 - 30 VDC
Outputs	0 ... 5/10 V, Alarm output 0-30V / 50 mA (open collector)
Thermal Sensitivity (NETD)	50 mK
Interface optional	USB
Software	optris CompactConnect (Windows), IRmobile (Android)
Ambient temperature sensor head	-20°C ... 85°C
Ambient temperature electronics	-20°C ... 80°C
Sighting scope	LED aiming
Application	Metal / Ceramic, Non-metals
Manual	Manual Optris CS series
Alternative product numbers	CSmiM-3HSF33