

- Temperature measurement on different materials
- Temperature measuring range -40 ... +1000 °C
- Parameterization with USB5 and software
- Output 4 – 20 mA



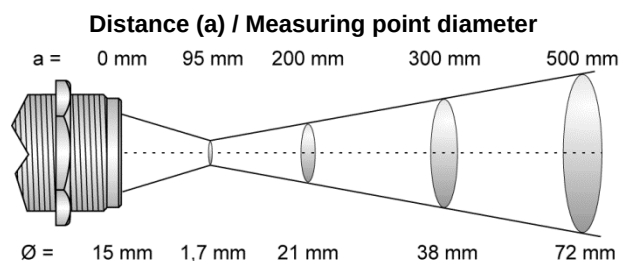
Product Characteristics

Type	OKS 5 T10.14 S9
Art.-No.	6920N
Application	Contactless temperature measurement of different objects.

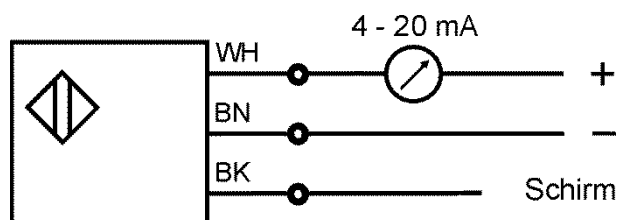
Technical Data

Temperature measuring range	-40 ... +1000 °C (adjustable via USB and software)
Spectral range	8 – 14 µm
Output	4 – 20 mA
Measuring failure	1 %, of reading or 1 K
Repeatability	0,5 % of reading or 0,5 K
Response time t95% min / max.	60 ms / 100 sec. (adjustable via USB and software)
Emissivity adjustable	0,2 ... 1,00 (adjustable via USB and software)
Integrated Laser pilot light	no
Integrated maximum and minimum data storage	yes (adjustable via USB and software)
Service Interface	USB
Load impedance	< 600 Ohm (24 V)
Supply voltage stabilized	24 V DC +/-25%
Ripple voltage	< 50 mV
Power consumption	≤ 0,6 W
Ambient temperature	0 ... +70 °C
Protection class	IP 65
Connection	plug S9
Supply voltage display	LED
Housing material	stainless steel

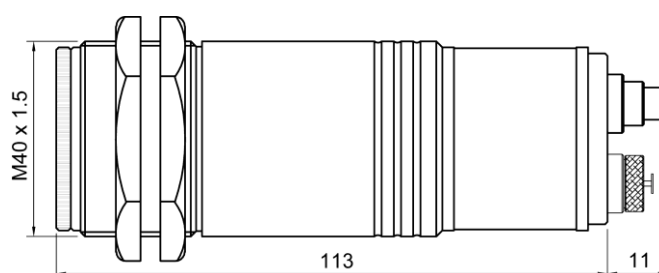
Optics



Connection



Dimension (mm)



Accessories (not in scope of supply)

	Type	Art.-No.
2 m connection cable	ST S9/5-2	9847B
5 m connection cable	ST S9/5-5	9847A
2 m connection cable PTFE up to +180 °C	ST S9/5-2H	9847F
5 m connection cable PTFE up to +180 °C	ST S9/5-5H	9847G
Interface cable USB with software	DAK 326	6913T
Mounting angle adjustable	DAK 305	6913E
Mounting angle fixed	DAK 304	6913D
Laser pilot light attachment	DAK 308	6913G
Air-purge unit	DAK 303	6913C
Cooling housing with integrated air purge unit	DAK 302	6913B
Cable protection cape for cooling housing DAK 302	DAK 329	6913X
Protection Tube 100 mm length for cooling housing DAK 302	DAK 319	6913L
Protection Tube 300 mm length for cooling housing DAK 302	DAK 320	6913M

Further Information

	Dokument
Manual	BDA_OKS_T_TG_TF_D_E