Piros S Infrared Sensor / Pyrometer
OKS 6 TG13.14 S9

Piros S is for non contact temperature measurement of glass.

Having adjustable emissivity, response time and measuring range the sensor can be flexible used for many applications.

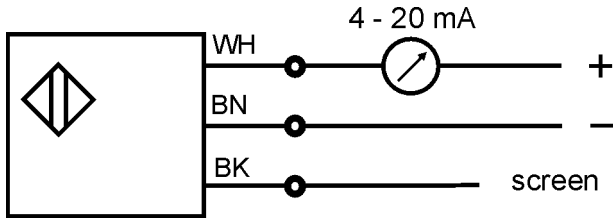
Analog
4 - 20 mA

for glass

Technical Data

Type	OKS 6 TG13.14 S9
Art.-No.	6920R
Measuring temperature range	100 - 1300 °C
Spectral range	5,14 µm
Output	4 – 20 mA
Measuring failure	1 %
Response time t95% min / max.	60 msec / 100 sec
Detected surface at 300 mm	Ø 6 mm
Emissivity	0,20…1,00
Integrated pilot light	no*
Integrated MAX data storage	yes
Service Interface USB	yes
Load impedance	< 700 Ohm (24 V)
Supply voltage stabilized	24 V DC +/- 25 %
Ripple voltage	< 50 mV
Power consumption	≤ 0,6 W
Ambient temperature	0 to +70 °C
Protection class	IP 65
Connection	Plug S9
Supply voltage display	LED
Housing material	stainless steel
Accessories (not included in the scope of supply)	**Art.-No.**
Connection cable 2m, ST S9/5-2	9847B
Cooling jacket DAK 302	6913B
Mounting clamp DAK 305	6913E
*Laser pilot light DAK 308	6913G

Diagram of Connections



The emissivity, the response time as well as the measuring subrange may be adjusted with optional PC service software and PC-adapter cable.

Distance (a) / Measuring point diameter