

- Response temperature 100 – 600 °C
- Viewing angle 1°
- Cooling water connection
- Adjustment via step switch
- Output PNP normally open + normally closed
- Plug S4 (M12)
- G3/4" thread for protection hose connection



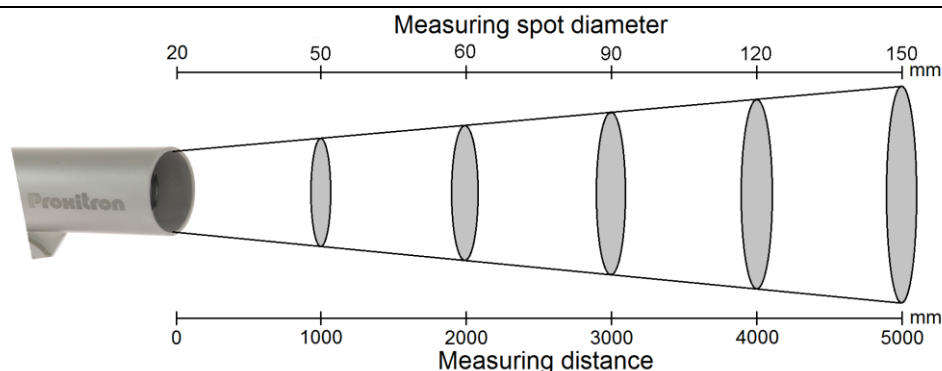
Product Characteristics

Type	OKB 1016.38 G S4
Art.-No.	6209D
Application	Material detection of hot objects, temperature control, hot rolling, pressing, forging, sintering, heat treatment

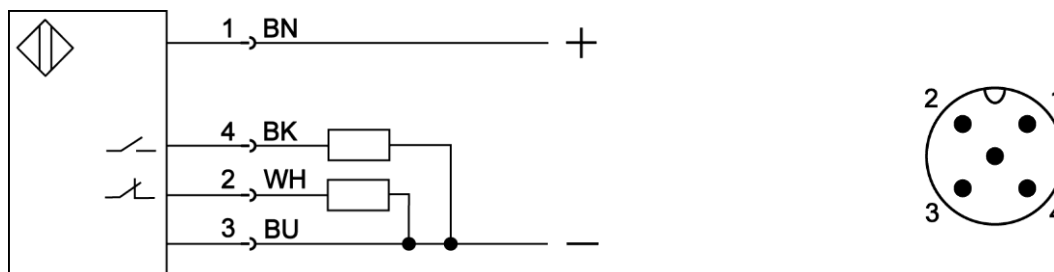
Technical Data

Response temperature adjustable	100 – 600 °C
100 – 600 °C in	50 K steps from switching level 2 up to 12
(Factory setting: switching level 6 = 300 °C)	
Switching hysteresis	approx. 25 K
Test function	inverted outputs
(switching level 1, simulation of a hot object)	
Viewing angle	1°
Supply voltage	10 - 55 V DC
Ripple	max. 15 %
Current consumption	< 15 mA
Output	PNP normally open (BK 4) PNP normally closed (WH 2)
Continuous current	0 - 400 mA
Short-circuit protection	yes, pulsing
Voltage drop	< 2,5 V
Response time, switching frequency	0,3 ms /1500 Hz
Ambient temperature	-10 ... +75 °C without cooling, up to 200 °C with cooling
Cooling water	~3l/min., 5 bar max. (max. 25 °C)
Protection class	IP 67
Housing material	stainless steel
Functional display	Duo-LED red/green
Connection	plug S4 (M12 x 1 A) with G3/4" protective hose thread
Weight	2,1 kg

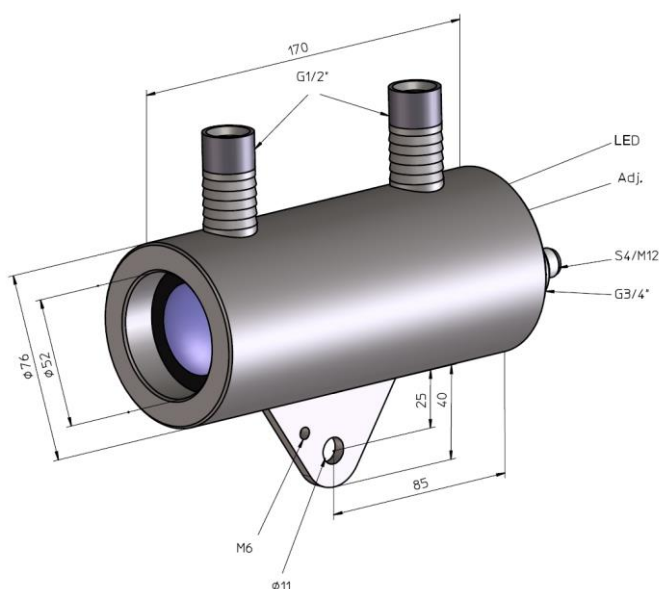
Optic



Connection



Dimension (mm)



Accessories (not in scope of supply)

	Type	Art.-No.
2 m Connection cable up to 105 ° C	ST 043/4-2 H	9844R
5 m Connection cable up to 105 ° C	ST 043/4-5 H	9842P
Swivel stand	HM 2	9816B
Adapter for protection hose connection (suitable protection hoses available)	HG 2	9855B
Pilot light attachment for adjustment	DAK 308	6913G
Adapter for Pilot light attachment	OL 27	9828I
Tubus	OL 21	9828C
Air purge attachment	OL 35	9828R
Tube for Air purge attachment	OL 36	9828S

Further information

	Document
Manual	BDA_OKA_OKB_29.D_E
Protection hoses	P46E