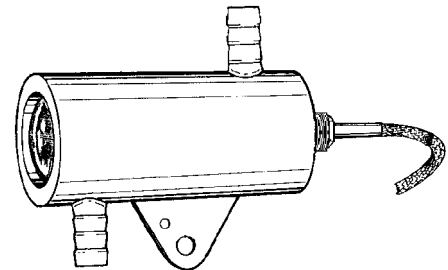


Infrared Sensors recognize the natural radiation of warm objects over a great distance. They are applied when other proximity switches cannot operate properly because of high radiation or ambient temperatures.

- Response temperature adjustable
- Cooling water connection
- Optional air connection for optic cleaning



Technical Data

Type	OKB 2047.18 G
Art.-No.	6125F
Response temperature	400 - 700 °C
View angle	2°
Distance ratio	29:1
Detected surface at 2m	Ø 70 mm
Output	PNP n. o. + n. c.
Supply voltage	24 V DC
Ripple voltage	< 15 %
Load current max.	0 - 400 mA
Short-time load current	0,8 A / 100 ms 2 A / 10 ms
Short circuit protection	yes, pulsing
No load current	3 mA
Voltage drop	2 V
Operating frequency	1500 Hz
Switching hysteresis	3 - 10 %
Ambient temperature	-20 ... +75 °C (without cooling)
Protection class	IP 67
Connection	10 m Pokt therm- cable with G 3/4" flexible tube connection
Function display	LED
Housing material	stainless steel with cooling jacket
Accessories	Tube OL 21
Further available designs:	Type:
With air connection (housing length +30 mm)	OKB 2047.18 GL

Diagram of Connections

