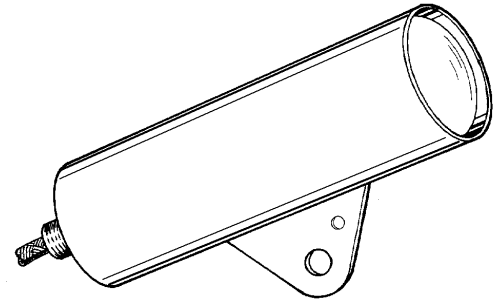


Infrared Sensors recognize the natural radiation of warm objects over a great distance. They are applied when other proximity switches cannot operate properly because of high radiation or ambient temperatures.



Technical Data

Type	OKA 704.38 G
Art.-No.	6122B
Response temperature	450 °C
View angle	7 °
Distance ratio	8:1
Detected surface at 2m	Ø 250 mm
Output	PNP n. o. + n. c.
Supply voltage	10 - 55 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
Protection class	IP 67
Connection	2 m POKT-Therm cable with G 3/4" flexible tube connection
Function display	LED
Housing material	stainless steel
further available designs	
view angle 0,5°, 1°, 2°, 25° and 2° x 25°	
Response temperatures from +80 °C upto +1000 °C	
AC/DC 2-wire technology	

Diagram of Connections

