

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. The types OSA transmit the IR- radiation with fibre optic cable (LLK 4) between the optic (OAC 704) and the electronic. The response temperature is adjustable.

Technical Data

Type	OSA 6747.18 G
Art.-No.	6136A
Type	LLK 4
Art.-No.	6436I
Type	OAC 704
Art.-No.	6037A
Response temperature (adjustable)	450 - 750 °C
View angel	7 °
Distance ratio	8:1
Detected surface at 2m	Ø 250 mm
Output	PNP n. o. + n. c.
Supply voltage	24 V DC
Ripple voltage	max. 15 %
Load current max.	0 - 400 mA
Short-time load current	2 A / 10 ms 0,8 A / 100 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	OSA -20 ... +70 °C LLK + OAC -20 ... +290 °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

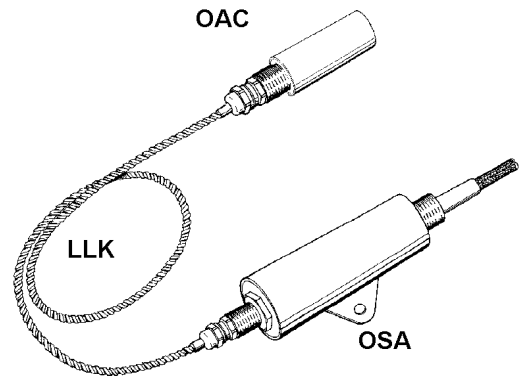


Diagram of Connections

