

Infrared Sensors recognise 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 673 transmit the IR- radiation with fibre optic cable (LLK 2) between the optic (OAC 204) and the electronic.

Technical Data

Type	OSA 673.33 G
Art.-Nr.	6129L
Type	LLK 2
Art.-Nr.	6436F
Type	OAC 204
Art.-Nr.	6036A
Response temperature	380 °C
View angel	2 °
Distance ratio	29:1
Detected surface at 2m	Ø 70 mm
Output	PNP n. o.
Supply voltage	10 - 80 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 to +70 °C LLK + OAC -20 to +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

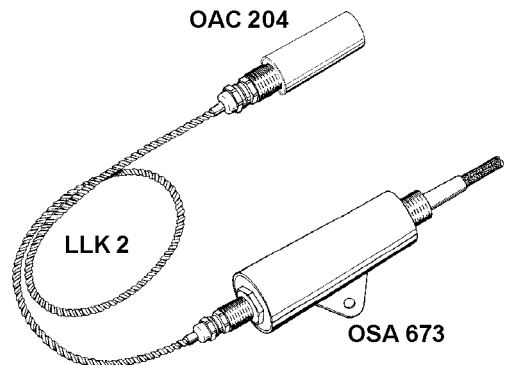


Diagram of Connections

