

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 674 transmit the IR radiation with fibre optic cable (LLK 4) between the optic (OAA 703) and the electronic.

Technical Data

Type	OSA 674.33 G
Art.-No.	6130L
Type	LLK 4
Art.-No.	6436l
Type	OAA 703
Art.-No.	6048A
Response temperature	500 °C
View angel	7 °
Distance ratio	8:1
Detected surface at 2m	Ø 250 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
No load current	3 mA
Voltage drop	2 V
Operating frequency	1500 Hz
Switching hysteresis	3 - 10 %
Ambient temperature	OSA -20 to +75 °C LLK + OAA -20 to +150 °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

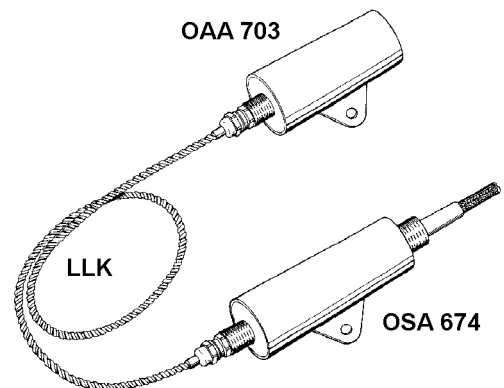


Diagram of Connections

DC 3-Draht PNP Schließer

