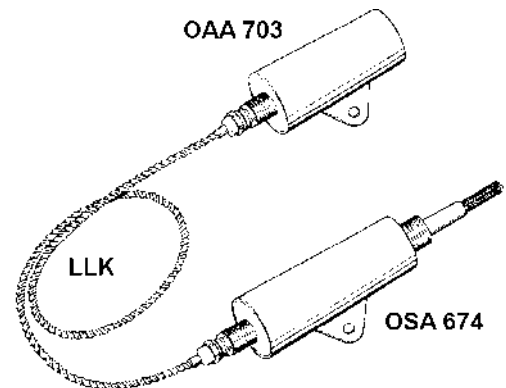


Infrared Sensors recognize the natural radiation of warm objects over a great distance. They are applied when other proximity switches cannot operate properly because of high radiation or ambient temperatures. The types OSA 674 transmit the IR radiation with fibre optic cable (LLK 2) between the optic (OAA 703) and the electronic (OSA 674).



Technical Data

Type	OSA 674.05 G	
Art.-No.	6430L	
Type	LLK 2	
Art.-No.	6436F	
Type	OAA 703	
Art.-No.	6048A	
Response temperature	450 °C	
View angel	7 °	
Distance ratio	8:1	
Detected surface at 2m	Ø 250 mm	
Output	normally open	
Supply voltage	20 – 260 V AC/DC	
Power frequency	40 – 440 Hz	
Load current max.	5 - 400 mA	
Short-time load current	2 A / 10 ms 0,8 A / 100 ms	
Short circuit protection	yes	
Residual current	1,7 mA	
Voltage drop	9 V	
Operating frequency (DC)	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

