

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 703.05 G
Art.-No.	6421A
Response temperature	350 °C
View angle	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
Ripple voltage	max. 15 % (DC)
Load current max.	5 - 400 mA
Short-time load current	2 A / 10 ms 0,8 A / 100 ms
Short circuit protection	yes, pulsing
Residual current	1,7 mA / 260 V AC 1,0 mA / 24 V DC
Voltage drop	9 V
Operating frequency	1500 Hz (DC)
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 1.4301
Weight	1,4 kg
further available designs	
view angle	0,5°, 1°, 2°, 25° and 2° x 25°
Response temperatures from	+80 °C upto +1000 °C
DC 3-wire technology	

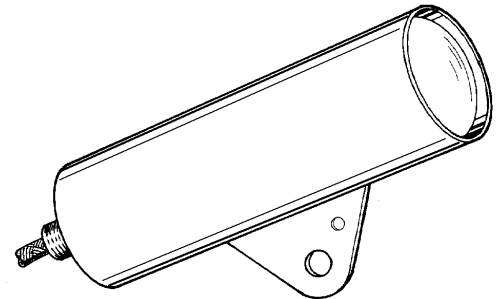


Diagram of Connections

