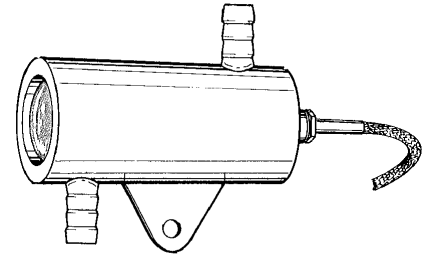


Infrared Sensors recognize the natural radiation of warm objects over a great distance. They are applied when other proximity switches cannot operate properly because of high radiation or ambient temperatures.



Technical Data

Type	OKB 204.31 GK
Art.-No.	6010B
Response temperature	430 °C
View angle	2°
Detected surface at 2m	∅ 70 mm
Output	NPN n.o.
Function Check	yes
Supply voltage	10 - 80 V DC
Ripple voltage	< 15 %
Load current max.	0 - 400 mA
Short-time load current	0,8 A / 100 ms 2 A / 10 ms
Short circuit protection	yes
Voltage drop	1,5 V
Operating frequency	1500 Hz
Ambient temperature	-20 to +75 °C
Protection class	IP 67
Connection	2 m POKT-Therm cable
Function display	LED
Housing material	Stainless steel cooling jacket

Diagram of Connections

