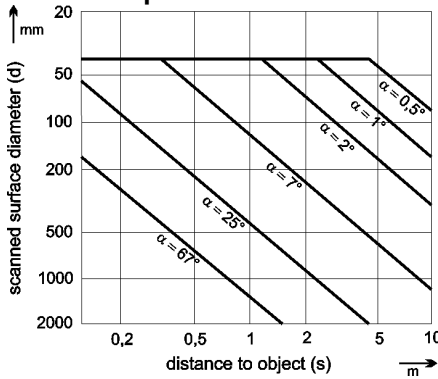


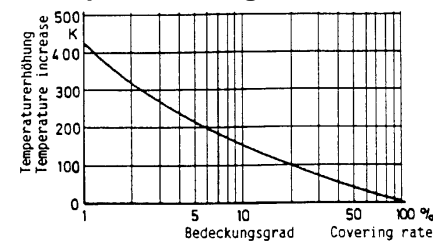
Piros infrared sensors detect the natural radiation of warm objects via large distances. They are applied where other proximity switches cannot work because of high radiation or ambient temperature. Via the optics stated here and a fibre optic the infrared radiation is transmitted from the high temperature range to a separate evaluation electronics.

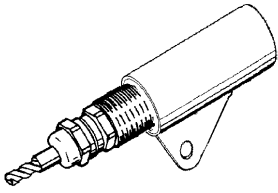
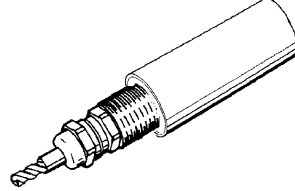
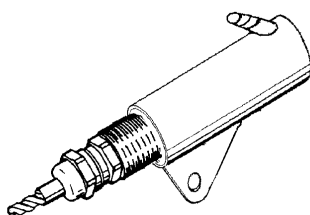
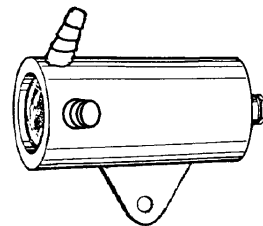
We shall be glad to let you have detailed data sheets.

Detected surface, view distance relationship



Temperature increase at incomplete coverage



∅ 25 mm		∅ 25 mm	
			
Type	OACF 204	Type	OAC 204
Art.-no.	6036K	Art.-no.	6036A
View angel	2°	View angel	2°
Distance ratio	29:1	Distance ratio	29:1
Detected surface at 2m	70 mm ∅	Detected surface at	70 mm ∅
Type	OACF 704	Type	OAC 704
Art.-no.	6036L	Art.-no.	6037A
View angel	7°	View angel	7°
Distance ratio	8:1	Distance ratio	8:1
Detected surface at 2m	250 mm ∅	Detected surface at	250 mm ∅
		Type	OAC 204 M
		Art.-no.	6036G
		Special features	as OAC 204 with 5/16" hose union
Ambient temperature	-30 ... +290 °C	Ambient temperature	-30 ... +290 °C
Housing material	stainless steel	Housing material	stainless steel
∅ 25 mm with air connection		∅ 76 mm with cooling jacket	
			
Type	OAF 204	Type	OAB 203 L
Art.-no.	6036B	Art.-no.	6042D
View angel	2°	View angel	2°
Distance ratio	29:1	Distance ratio	29:1
Detected surface at 2m	70 mm ∅	Detected surface at	70 mm ∅
Type	OAF 704	Special feature	with air connection
Art.-no.	6036F		
View angel	7°		
Distance ratio	8:1		
Detected surface at 2m	250 mm ∅		
Ambient temperature	-30 ... +290 °C	Ambient temperature	-30 ... +150 °C
Housing material	stainless steel	Housing material	stainless steel