

PROXITRON

High Temperature
Proximity Switches



150 °C
175 °C
230 °C

Proximity switches for ambitious applications in high temperature areas. Proxitron offers a variety of different temperature ranges, housing designs and sensing ranges for different applications

Steel industry - Glass industry - Furnace construction - Paint shops for automotive industry - Presses for chipboard manufacturing

		Ambient Temperature			Sensing Distance (Sn)
		150 °C (302 °F)	175 °C (347 °F)	230 °C (446 °F)	
		Mounting Condition			
Housing	M8	Flush	2 mm		
		Non flush			
	M12	Flush	3 mm		2 mm
		Non flush	4 mm		
	M18	Flush	5 mm	5 mm	5 mm
		Non flush	8 mm	8 mm	8 mm
	M30	Flush	10 mm	10 mm	10 mm
		Non flush	15 mm	15 mm	15 mm
			25 mm		
	M50	Flush	20 mm	20 mm	20 mm
Non flush		25 mm	25 mm	25 mm	
		40 mm		30 mm	
M80	Non flush		50 mm	50 mm	
		Output			
Electronic	PNP	Normally closed		x	x
		Normally open	x	x	x
		antivalent			x
	NPN	Normally closed	x	x	x
		Normally open	x	x	x
		antivalent			x
Switching amplifier		integrated	integrated	external	

Supply voltage	10 – 30 V DC
Load current	max. 150 mA
Short circuit protection	yes
No load current	< 10 mA
Voltage drop	< 2 V
Protection class	IP66 / IP67(68) version at request
Functional display	no / yes with external switching amplifier
Housing material	stainless steel
Silicone free	all designs silicone free available also
Connection	silicone or PTFE cable
Cable length	2 m, 5 m, 10 m, 15 m, 20 m, further cable length at request