



# POLAR-Series AC | Climativ-proofed -60 °C

## Proximity switches

M18  
Stainless steel sleeve

AC 20...250 V

IP 68 Water-proofed  
IP 69 Resistant to  
high pressure cleaning



Design	AC • M18x1	
<b>Dimensions</b>		
Installation flush (f) non flush (nf)		
Operating distance sn [mm]	5 f	7 nf
Switching output		
ID-No.	P31149	P31150
Type	IGMP 005 WS	IGMP 008 WS
Supply voltage [V]	20...250 AC	
Switching current [mA]	300	
Short circuit proof	-	
Overcurrent release [mA]	-	
Reverse protection	-	
Voltage drop max. [V]	4.5	
Load current [mA]	5	
Current consumption [mA]	2.5	
Switching frequency [Hz]	25	
Ambient temperature [°C]	-55...+60	
Temperature min. [°C]	-60	
Temperature gradient [K/min]	5	
EMC-class	A	
Protection [EN 60529]	IP 68 + IP 69	
LED display	•	
Housing material	PTFE / AISI 316 Ti	
Connection	2 m FEP-cable 3x0.75 mm <sup>2</sup>	