



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

Proximity switches

M18

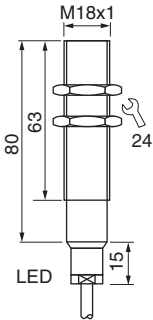
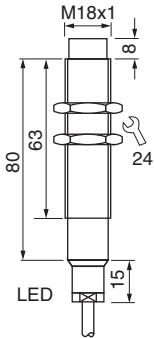
Stainless steel sleeve

AC 20...250 V

IP 68 Water-proofed

IP 69 Resistant to
high pressure cleaning



Design		AC • M18x1	
Dimensions			
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 mm²	
		