



# TROPICAL-Series AC | Climatic-proofed 120 °C

## Proximity switches

M18 / M30  
Stainless steel sleeve

AC 20...250 V

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



Design	AC • M18x1		AC • M30x1.5	
<b>Dimensions</b>				
Installation flush (f) non flush (nf)				
Operating distance sn [mm]	5 f	7 nf	10 f	15 nf
WS  ID-No. Type	P31071 IGMF 005 WS	P31073 IGMF 008 WS	P31075 IGMF 010 WS	P31077 IGMF 015 WS
WO  ID-No. Type	P31070 IGMF 005 WO	P31072 IGMF 008 WO	P31074 IGMF 010 WO	P31076 IGMF 015 WO
Supply voltage WS/WO [V]	20...250 AC			
Switching current WS/WO [mA]	< 400			
Current consumption [mA]	< 2.5			
Voltage drop max. [V]	< 5 eff.			
Switching frequency [Hz]	25			
Ambient temperature [°C]	-25...+120			
Compressive strength [bar]	10			
Minimum load current [mA]	5.0			
EMC-class	A			
Protection [EN 60529]	IP 68 + IP 69			
Housing material	PTFE / AISI 316 Ti (A4)			
Connection	2 m FEP-cable 3x0.75 mm <sup>2</sup>			
Switching current				