

TROPICAL-Series AC • Climatic-proofed 120 °C

Series IGMF - Proximity switches

M18 / M30

Stainless steel sleeve

AC 20...250 V

IP 68 Water-proofed

IP 69K Resistant to

high pressure cleaning



Design	AC • M18x1		AC • M30x1.5	
Dimensions				
Installation flush (f) non flush (nf)				
Operating distance sn [mm]	5 f	7 nf	10 f	15 nf
WS ID-No.	P31071	P31073	P31075	P31077
Type	IGMF 005 WS	IGMF 008 WS	IGMF 010 WS	IGMF 015 WS
WO ID-No.	P31070	P31072	P31074	P31076
Type	IGMF 005 WO	IGMF 008 WO	IGMF 010 WO	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 69K			
Housing material	PTFE / AISI 316 Ti (A4)			
Connection	2 m FEP-cable 3x0.75 mm ²			
Switching current				

