

TROPICAL-Series DC • Climatic-proofed 120 °C

Series IGMF - Proximity switches

M18 / M30

Stainless steel sleeve

DC 10...30 V

IP 68 Water-proofed

IP 69K Resistant to

high pressure cleaning



Design	DC PNP • M18x1		DC PNP • M30x1.5	
Dimensions				
Installation flush (f) non flush (nf)				
Operating distance sn [mm]	5 f	7 nf	10 f	15 nf
GSP	ID-No. P31424 Type IGMF 005 GSP	ID-No. P31426 Type IGMF 008 GSP	ID-No. P31428 Type IGMF 010 GSP	ID-No. P31430 Type IGMF 015 GSP
GOP	ID-No. P31425 Type IGMF 005 GOP	ID-No. P31427 Type IGMF 008 GOP	ID-No. P31429 Type IGMF 010 GOP	ID-No. P31431 Type IGMF 015 GOP
GSOP	ID-No. P30707 Type IGMF 005 GSOP	ID-No. P30710 Type IGMF 008 GSOP	ID-No. P30713 Type IGMF 010 GSOP	ID-No. P30716 Type IGMF 015 GSOP
Supply voltage [V]	10...30 DC			
Switching current [mA]	200			
Overcurrent release [mA]	230			
Current consumption [mA]	4			
Residual current [µA]	1			
Voltage drop max. [V]	2			
Switching frequency [Hz]	1000			
Ambient temperature [°C]	-25...+120			
Compressive strenght [bar]	10			
EMC-class	A			
Protection [EN 60529]	IP 68 + IP 69K			
Housing material	PTFE / AISI 316 Ti (A4)			
Connection	2 m FEP-cable 3x0.34 mm ² / 2 m FEP-cable 4x0.25 mm ²			
Switching current				

