

TROPICAL-Series DC • Climatic-proofed 120 °C

Series IGMF - Proximity switches

M18 / M30

Stainless steel sleeve

DC 10...55 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.	P30705	P30708	P30711	P30714
Type	IGMF 005 GSP	IGMF 008 GSP	IGMF 010 GSP	IGMF 015 GSP
GOP ID-No.	P30706	P30709	P30712	P30715
Type	IGMF 005 GOP	IGMF 008 GOP	IGMF 010 GOP	IGMF 015 GOP
GSOP ID-No.	P30707	P30710	P30713	P30716
Type	IGMF 005 GSOP	IGMF 008 GSOP	IGMF 010 GSOP	IGMF 015 GSOP
Supply voltage [V]	...GSP, ...GOP 10...55 DC / ...GSOP 10...30 DC			
Switching current [mA]	...GSP, ...GOP 400 / ...GSOP 200			
Overcurrent release [mA]	...GSP, ...GOP 430 / ...GSOP 230			
Current consumption [mA]	4			
Residual current [µA]	1			
Voltage drop approx. [V]	2			
Switching frequency [Hz]	...GSP, ...GOP 150 / ...GSOP 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				