



TROPICAL-Series DC | Climatic-proofed 120 °C

Proximity switches

M18 / M30
Stainless steel sleeve

DC 10...30 V

IP 68 Water-proofed
IP 69 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	P31426	P31428	P31430
	Type	IGMF 005 GSP	IGMF 008 GSP	IGMF 010 GSP	IGMF 015 GSP
GOP	ID-No.	P31425	P31427	P31429	P31431
	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]	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 69			
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					

