



TROPICAL-Series | Resistant to rolling oil

Proximity switches

DC 10...55 V

Climatic-proofed
Resistant to acid

Armoured cable
with IP 68-plug



Design	DC PNP • M30x1.5	DC PNP • Ø 35
Dimensions Installation flush (f) non flush (nf)		
Operating distance sn [mm]	10 f	20 nf
Switching output PNP		
ID-No.	P31443	P31444
Type	IGMF 010 GSP-PZ	INFW 020 GSP-PZ
Supply voltage [V]	10...30 DC	10...30 DC
Switching current max. [mA]	200	200
Current consumption [mA]	4	4
Switching frequency [Hz]	1000	500
Ambient temperature [°C]	-25...+120	-25...+120
Compressive strength [bar]	10	-
Protection [EN 60529]	IP 68 + IP 69	IP 68 + IP 69
Function indicator	LED	LED
Material	PTFE, AISI 316 Ti	PTFE
Connection	5 m FEP-cable 3x0.34mm ² armoured cable	5 m FEP-cable 3x0.34mm ² armoured cable
Plug, Lemo series K, 3-pol 		
Sensors without plug on request		
Accessories	junction box GS..., page 3.25	