

## TROPICAL-Series • Resistant to rolling oil

### Series IGFW / INFW - Proximity switches

PTFE housing

DC 10...55 V  
AC 20...250 V

IP 68 Water-proofed  
IP 69K Resistant to  
high pressure cleaning



Design	DC PNP • M30x1.5	DC • Ø35	AC • M30x1.5	AC • Ø35		
<b>Dimensions</b>						
Installation flush (f) non flush (nf)						
Operating distance sn [mm]	10 f	14 nf	10 f	14 nf	19 nf	
Switching output (DC PNP)						
<b>ID-No.</b>	<b>P30628</b>	<b>P30640</b>	<b>P30626</b>	<b>P30638</b>	<b>P30650</b>	
Type	IGFW 010 GSP	IGFW 015 GSP	INFW 020 GSP	IGFW 010 WS	IGFW 015 WS	INFW 020 WS
Supply voltage [V]	10...55 DC			20...250 AC		
Switching current [mA]	< 400			< 400		
Surge current [mA]	short circuit protection			< 3000 / 10 ms		
Current consumption [mA]	4			2.5		
Inverse current max. [µA]	1			2500		
Voltage drop [V]	2			5 eff.		
Ambient temperature [°C]	-25...+120					
Temperature deviation [%]	10 (-25...+70 °C), 20 (-25...+120 °C)					
Residual ripple [%]	10			-		
Overcurrent release approx. [mA]	430			-		
Reverse Protection	•			-		
Minimum load current [mA]	-			4.5		
EMC-class	A					
Switching frequency [Hz]	100			20		
Protection [EN 60529]	IP 68 + IP 69K					
Housing material	PTFE					
Connection	2 m FEP-cable 3x0.34 mm <sup>2</sup>			2 m Silicone-cable 0.75 mm <sup>2</sup>		
Switching current						
<b>Accessories</b>	nut M30x1.5 (Z00120), clamp Ø35 (Z00125), page 3.67					