



# High temperature 160 °C | DC

## Proximity switches

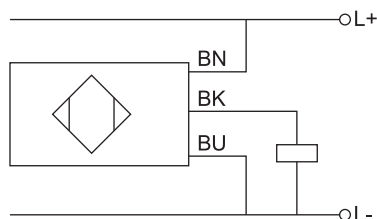
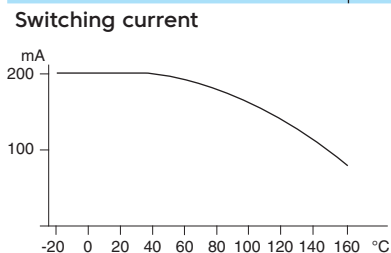
M12 / M18 / M30  
Stainless steel sleeve

DC 10...30 V

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



Design	DC PNP • M12x1		DC PNP • M18x1		DC PNP • M30x1.5	
<b>Dimensions</b>						
Installation flush (f) non flush (nf)						
Operating distance sn [mm]	2 f	4 nf	5 f	8 nf	10 f	15 nf
Switching output PNP						
ID-No.	P31288	P31289	P31161	P31162	P31163	P31164
Type	IGMH 02 GSP	IGMH 04 GSP	IGMH 005 GSP	IGMH 008 GSP	IGMH 010 GSP	IGMH 015 GSP
Supply voltage [V]	10...30 DC					
Switching current [mA]	200					
Short circuit proof	•					
Reverse protection	•					
Voltage drop max. [V]	2					
Residual current max. [mA]	0.02					
Current consumption (not actuated) [mA]	7					
Switching frequency [Hz]	200					
Temperature deviation [%]	15					
Ambient temperature [°C]	-25...+150			-25...+160		
EMC-class	A					
Protection [EN 60529]	IP 68 + IP 69					
LED display	-					
Housing material	AISI 316 Ti / PEEK					
Connection	2 m FEP-cable 3x0.34 mm <sup>2</sup>					



Notes temperature depending parameters are described in the technical manual