



## Metal face sensors | Climatic-protected

### Proximity switches

M12 / M18 / M30  
One piece stainless steel housing

DC 10...30 V

Shock resistant  
Impact proof



Design	DC PNP • M12x1	DC PNP • M18x1	DC PNP • M30x1.5
Dimensions			
Operating distance sn [mm]	2	5	10
Switching output PNP			
ID-No.	P31237	P31238	P31239
Type	IGWV 02 GSP	IGWV 05 GSP	IGWV 10 GSP
Supply voltage [V]	10...30 DC		
Switching current [mA]	250		
Short circuit proof	•		
Reverse protection	•		
Voltage drop max. [V]	1.5		
Current consumption [mA]	8		
Switching frequency [Hz]	180	180	150
Ambient temperature [°C]	-10...+110		
EMC-class	A		
Protection [EN 60529]	IP 68 + IP 69		
Housing material	AISI 316 L		
Connection	2 m FEP-cable 3x0.34 mm <sup>2</sup>		
The specified operating distance (sn) applies to ferromagnetic objects (ST37).			