

## Metal face sensors • Cable connection

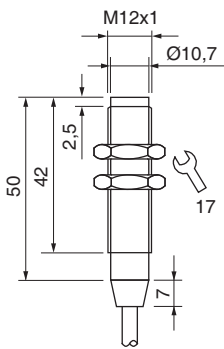
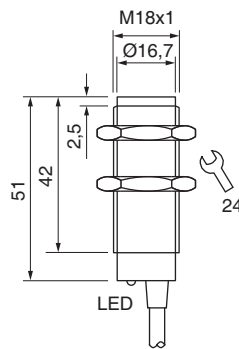
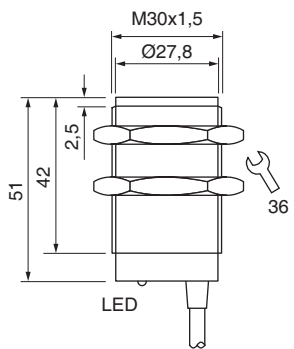



### Series IGV - Proximity switches

**M12 / M18 / M30**  
**One piece stainless steel housing**

**DC 10...30 V**

**Shock resistant**  
**Impact proof**



Design	DC PNP M12 • M18 • M30		
Dimensions			
Operating distance sn [mm]	2	5	10
Switching output			
ID-No.	P31228	P31229	P31230
Type	IGV 02 GSP	IGV 05 GSP	IGV 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]	max. 5		
Switching frequency [Hz]	180	180	150
Ambient temperature [°C]	-25...+80		
EMC-class	A		
Protection [EN 60529]	IP 67		
LED display	•		
Housing material	AISI 316 L		
Connection	2 m PVC-cable 3x0.34 mm <sup>2</sup>		
The specified operating distance (sn) applies to ferromagnetic objects (ST37).	