



Metal face sensors | Plug connection

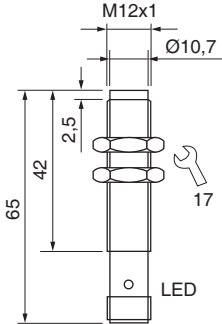
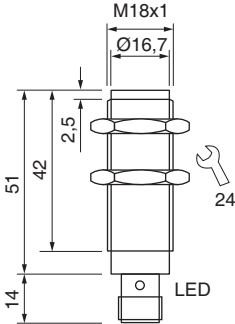
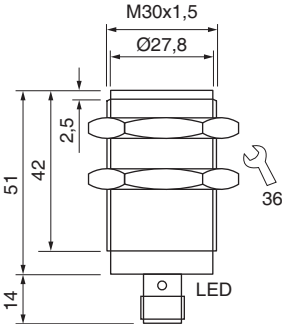
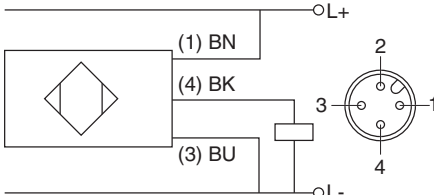
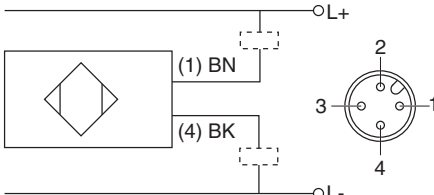
Proximity switches

M12 / M18 / M30
One piece stainless steel housing

DC 10...30 V

Shock resistant
Impact proof



Design	DC PNP M12 • M18 • M30			DC 2-Wire M12 • M18 • M30		
Dimensions						
						
Operating distance sn [mm]	2	5	10	2	5	10
Switching output PNP						
ID-No.	P31193	P31194	P31195	P31225	P31226	P31227
Type	IGVU 02 GSP	IGVU 05 GSP	IGVU 10 GSP	IGVU 02 GS	IGVU 05 GS	IGVU 10 GS
Supply voltage [V]	10...30 DC			8...30 DC		
Switching current [mA]	250			150		
Short circuit proof	•			•		
Reverse protection	•			•		
Voltage drop max. [V]	1.5			3.5		
Current consumption [mA]	5			1.5		
Switching frequency [Hz]	180	180	150	180	180	150
Ambient temperature [°C]	-25...+80			-25...+80		
EMC-class	A			A		
Protection [EN 60529]	IP 68 + IP 69			IP 68 + IP 69		
LED display	•			•		
Housing material	AISI 316 L			AISI 316 L		
Connection	M12 connector			M12 connector		
The specified operating distance (sn) applies to ferromagnetic objects (ST37).						
Accessories	connecting cable type SLG 3-2 (Z01076), page 3.69					