



High temperature 160 °C | DC

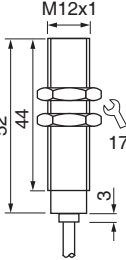
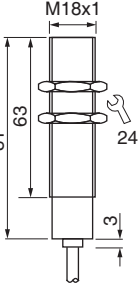
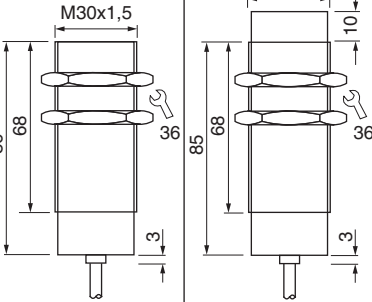
Proximity switches

M12 / M18 / M30
Stainless steel sleeve

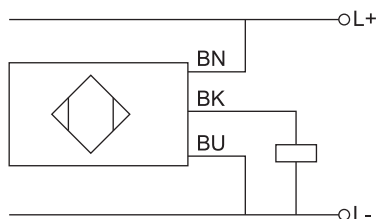
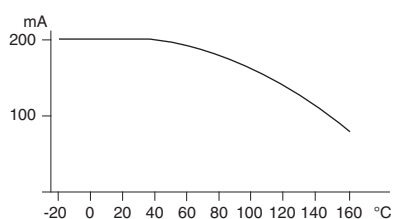
DC 10...30 V

Moisture resistant
Silicone-cable



Design	DC PNP • M12x1		DC PNP • M18x1		DC PNP • M30x1.5	
Dimensions						
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.	P31299	P31300	P31301	P31302	P31303	P31304
Type	IGMH 02 GSP-K	IGMH 04 GSP-K	IGMH 005 GSP-K	IGMH 008 GSP-K	IGMH 010 GSP-K	IGMH 015 GSP-K
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 67					
LED display	-					
Housing material	AISI 316 Ti / PEEK					
Connection	2 m Silicone-cable 3x0.34 mm²					

Switching current



Notes

temperature depending parameters are described in the technical manual