

Demanding environment

Series IGM - Proximity switches

M18 / M30
Metal sleeve

DC 10...48 V
AC 20...250 V

Long form

Increased EMC



Design	DC PNP • M18x1		DC PNP • M30x1.5		AC • M30x1.5 programmable	
Dimensions						
Installation flush (f) non flush (nf)						
Operating distance sn [mm]	5 f	8 nf	10 f	15 nf	10 f	15 nf
GSP	ID-No. P31313 Type IGMU 005 GSP	ID-No. P31314 Type IGMU 008 GSP	ID-No. P31315 Type IGMU 010 GSP	ID-No. P31316 Type IGMU 015 GSP	-	-
GSOP	ID-No. P31258 Type IGMU 005 GSOP	ID-No. P31259 Type IGMU 008 GSOP	ID-No. P31262 Type IGMU 010 GSOP	ID-No. P31263 Type IGMU 015 GSOP	-	-
WP	ID-No. - Type -	ID-No. - Type -	ID-No. - Type -	ID-No. - Type -	P30015 IGMS 010 WP	P30019 IGMS 015 WP
Supply voltage [V]	10...48 DC				20...250 AC	
Switching current [mA]	200				400	
Short circuit proof	•				3000 mA/10 ms	
Reverse protection	•				-	
Voltage drop max. [V]	2				6	
Minimum load current [mA]	-				5	
Current consumption [mA]	2.5				2.5	
Switching frequency [Hz]	500				25	
Ambient temperature [°C]	-25...+75				-25...+75	
EMC-class	A				A	
Protection [EN 60529]	IP 67				IP 67	
LED display	•				•	
Housing material	Br-Ni / PBT				Br-Ni / PBT	
Connection	M12 connector				PG-plug connection 2 m PVC-cable 3x0.5 mm ²	
	GSP 		GSOP 		WP 	
Accessories	connecting cable SLG 3-2 (GSP) / SLG 4-2 (GSOP), page 3.69					