



Demanding environment

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	
GSP						
ID-No.	P31313		P31314		P31315	
Type	IGMU 005 GSP		IGMU 008 GSP		IGMU 010 GSP	
GSOP						
ID-No.	P31258		P31259		P31262	
Type	IGMU 005 GSOP		IGMU 008 GSOP		IGMU 010 GSOP	
WP						
ID-No.	-		-		-	
Type	-		-		-	
Supply voltage [V]	10...48 DC		10...48 DC		20...250 AC	
Switching current [mA]	200		200		400	
Short circuit proof	•		•		3000 mA/10 ms	
Reverse protection	•		•		-	
Voltage drop max. [V]	2		2		6	
Minimum load current [mA]	-		-		5	
Current consumption [mA]	2.5		2.5		2.5	
Switching frequency [Hz]	500		500		25	
Ambient temperature [°C]	-25...+75		-25...+75		-25...+75	
EMC-class	A		A		A	
Protection [EN 60529]	IP 67		IP 67		IP 67	
LED display	•		•		•	
Housing material	Br-Ni / PBT		Br-Ni / PBT		Br-Ni / PBT	
Connection	M12 connector		M12 connector		PG-plug connection 2 m PVC-cable 3x0.5 mm ²	
Accessories						

connecting cable SLG 3-2 (GSP) / SLG 4-2 (GSOP), page 3.69