



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	
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. P31317 Type IGM 005 GSP	ID-No. P31318 Type IGM 008 GSP	ID-No. P31319 Type IGM 010 GSP	ID-No. P31320 Type IGM 015 GSP	-	-
GSOP		ID-No. P31256 Type IGM 005 GSOP	ID-No. P31257 Type IGM 008 GSOP	ID-No. P31260 Type IGM 010 GSOP	ID-No. P31261 Type IGM 015 GSOP	-	-
WS		ID-No. - Type -	-	-	-	P30016 IGM 010 WS	P30020 IGM 015 WS
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		GSP: 2 m PVC-cable, 3x0.34 mm² GSOP: 2 m PVC-cable, 4x0.34 mm²				2 m PVC-cable 3x0.5 mm²	