



Demanding environment

Proximity switches

M12 / M18 / M30

Metal sleeve

DC 10...48 V

Short form

Increased EMC



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
GSP		ID-No. P31244 Type IGM 02 GSP	ID-No. P31245 Type IGM 04 GSP	ID-No. P31309 Type IGM 05 GSP	ID-No. P31310 Type IGM 08 GSP	ID-No. P31311 Type IGM 10 GSP	ID-No. P31312 Type IGM 15 GSP
GSOP		ID-No. - Type -	ID-No. - Type -	ID-No. P31248 Type IGM 05 GSOP	ID-No. P31249 Type IGM 08 GSOP	ID-No. P31252 Type IGM 10 GSOP	ID-No. P31253 Type IGM 15 GSOP
Supply voltage	[V]	10...48 DC					
Switching current	[mA]	200					
Short circuit proof		•					
Reverse protection		•					
Voltage drop max.	[V]	2					
Current consumption	[mA]	2.5					
Switching frequency	[Hz]	500					
Ambient temperature	[°C]	-25...+75					
EMC-class		A					
Protection	[EN 60529]	IP 67					
LED display		•					
Housing material		Br-Ni / PBT					
Connection		GSP: 2 m PVC-cable 3x0.34 mm ²			GSOP: 2 m PVC-cable 4x0.34 mm ²		