

Dust - Ex Compact model • Zone 22

Series IGEX22 - Proximity switches

Category 3

Dust Ex Zone 22

DC 24 V

PNP switching output



Design	DC PNP • M12x1		DC PNP • M18x1		DC PNP • M30x1.5	
Dimensions						
Installation flush (f) non flush (nf)						
Operating distance [mm]	2 f	4 nf	5 f	8 nf	10 f	15 nf
Output PNP						
ID-No.	P31165	P31166	P31167	P31168	P31169	P31170
Type	IGEX22 02 GSP	IGEX22 04 GSP	IGEX22 05 GSP	IGEX22 08 GSP	IGEX22 10 GSP	IGEX22 15 GSP
Ex marking	II 3D Ex mc IIIC T 80°C Dc IP 67 X					
Supply voltage [V]	10...30 DC					
Switching current [mA]	200					
Short circuit proof	•					
Overcurrent release [mA]	250					
Reverse protection	•					
Voltage drop max. [V]	2					
Residual current [mA]	-					
Current consumption [mA]	7					
Switching frequency [Hz]	500					
Ambient temperature [°C]	-25...+70					
EMC-class	A					
Protection [EN 60529]	IP 67					
LED display	•					
Housing material	Br-Ni / PBT					
Connection	2 m PVC-cable 3x0.34 mm ²					
Note: Do not use in the presence of conductive dusts						