



Dust / Gas-Ex | Compact model | Zone 2/22

Proximity switches

Gas-Ex Category 3
Ex ec IIC T6...T3 Gc

Dust-Ex Category 3
Ex tc IIIC T 70°C Dc



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
Switching output PNP						
ID-No.	P31391	P31392	P31393	P31394	P31395	P31396
Type	IGEX22c 02 GSP	IGEX22c 04 GSP	IGEX22c 05 GSP	IGEX22c 08 GSP	IGEX22c 10 GSP	IGEX22c 15 GSP
Ex area of use	Gas: Zone 2 / Dust: Zone 22					
Certificate No.	IECEx EPS 17.0042X					
Conformity No.	EGE 18.0020 X					
Ex marking	Gas: II 3G Ex ec IIC T6...T3 Gc Dust: II 3D Ex tc IIIC T 70°C Dc			Gas: Ex ec IIC T6...T3 Gc Dust: Ex tc IIIC T 70°C Dc		
Ambient temperature [°C] and medium temperature	Gas Zone 2: T6: -20 ≤ Ta ≤ +60 T5: -20 ≤ Ta ≤ +60 T4: -20 ≤ Ta ≤ +60 T3: -20 ≤ Ta ≤ +60 Dust Zone 22: -20 ≤ Ta ≤ +60					
Rated voltage [V]	30 DC					
Supply voltage [V]	24 DC ±10%					
Switching current [mA]	100					
Switching frequency [Hz]	300					
LED display	red	red	yellow	yellow	yellow	yellow
Impact protection cap		•		•		•
Housing material	AISI 316 Ti / PPSU / LCP / POM			Br-Ni / PA / POM		
Protection [EN 60529]	IP 67					
Connection	2 m PUR-cable 3x0.34 mm²					
Note	proximity switches with cable length > 2 m are available on request					