

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

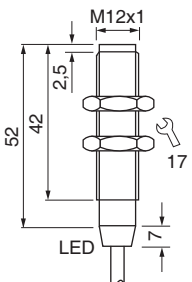
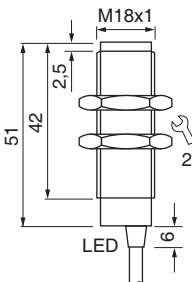
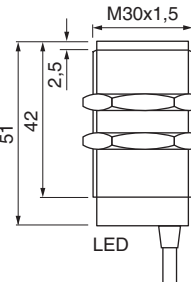



Series IGVE22c - Proximity switches

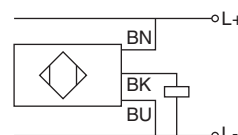
Gas-Ex Category 3
Ex ec IIC T6 Gc

Dust-Ex Category 3
Ex tc IIIC T75°C Dc

One piece stainless steel housing
Silicone cable



Design	DC PNP • M12x1	DC PNP • M18x1	DC PNP • M30x1.5
Dimensions			
Operating distance [mm]	2	5	10
Switching output PNP			
ID-No.	P31421	P31422	P31423
Type	IGVE22c 02 GSP-K	IGVE22c 05 GSP-K	IGVE22c 10 GSP-K
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: Ex II 3G Ex ec IIC T6 Gc Dust: Ex II 3D Ex tc IIIC T75°C Dc	Gas: Ex ec IIC T6 Gc Dust: Ex tc IIIC T75°C Dc	
Ambient temperature [°C] and medium temperature	Gas Zone 2:	T6: $-20 \leq T_a \leq +60$ T5: $-20 \leq T_a \leq +60$ T4: $-20 \leq T_a \leq +60$ T3: $-20 \leq T_a \leq +60$	
	Dust Zone 22:	$-20 \leq T_a \leq +60$	
Rated voltage [V]	30 DC		
Supply voltage [V]	24 DC $\pm 10\%$		
Switching current [mA]	100		
Switching frequency [Hz]	180		
LED display	red	yellow	yellow
Housing material	AISI 316 L / PPSU	AISI 316 L / PA	AISI 316 L / PA
Protection [EN 60529]	IP 67		
Connection	2 m silicone-cable 3x0.34 mm ²		



Note proximity switches with cable length > 2 m are available on request