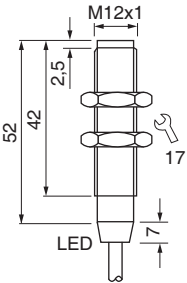
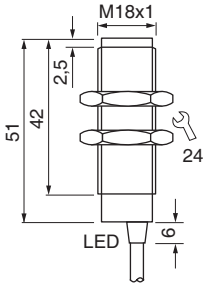
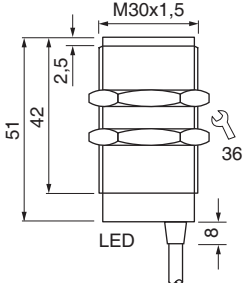
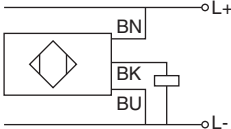



Dust / Gas-Ex | Compact model | Zone 2/22

Proximity switches

Gas-Ex Category 3
Ex ec IIC T6...T3 Gc
Dust-Ex Category 3
Ex tc IIIC T 70°C Dc
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	IGVEX22c 02 GSP-K1	IGVEX22c 05 GSP-K1	IGVEX22c 10 GSP-K1
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 and medium temperature [°C]	Gas Zone 2: T6: -20 ≤ Ta ≤ +55 T5: -20 ≤ Ta ≤ +55 T4: -20 ≤ Ta ≤ +55 T3: -20 ≤ Ta ≤ +55 Dust Zone 22: -20 ≤ Ta ≤ +55		Gas Zone 2: T6: -20 ≤ Ta ≤ +60 T5: -20 ≤ Ta ≤ +60 T4: -20 ≤ Ta ≤ +60 T3: -20 ≤ Ta ≤ +60 Dust Zone: -20 ≤ Ta ≤ +60
Rated voltage [V]	30 DC		
Supply voltage [V]	24 DC ±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		