



Ex-Compact model | Device category 3G and 3D

Ex-Device category 3G
Installation in Zone 2 (gas)

Ex-Device category 3D
Installation in Zone 22 (dust)

DC 24 V

Analog output



Design	G1/2			
Dimensions				
Detection range [m/s]	gaseous media 0.5...20			
Sensor length L [mm]	32	49	101	151
Output	 4...20 mA			
ID-No.	P11422	P11423	P11424	P11425
Type	LC 521 GA-Ex22	LC 521/1 GA-Ex22	LC 521/2 GA-Ex22	LC 521/3 GA-Ex22
Ex area of use	Gas: Zone 2 / Dust: Zone 22			
Certificate of conformity	EGE 20.0010 X			
Ex marking	Gas:	Ex II 3 G Ex ic mc IIC T4...T3 Gc		
	Dust:	Ex II 3 D Ex ic mc IIIC T135 °C Dc		
Ambient temperature and medium temperature [°C]	Gas:	T3, T4: -10 ≤ Ta ≤ +60		
	Dust:	-10 ≤ Ta ≤ +60		
Supply voltage [V]	24 DC ±10%			
Current consumption [mA]	≤ 35			
Current output [mA]	4...20			
Start-up time typ. [s]	20			
Reaction time typ. [s]	< 5			
Compressive strength [bar]	1			
Housing material	AISI 316 Ti, PBT-GF30, PUR, ceramic Al ₂ O ₃			
Display flow	two-colour-illuminated dot red/green			
Protection [EN 60529]	IP 67			
Connection	2 m PUR-cable 3x0.5 mm ²			