



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)

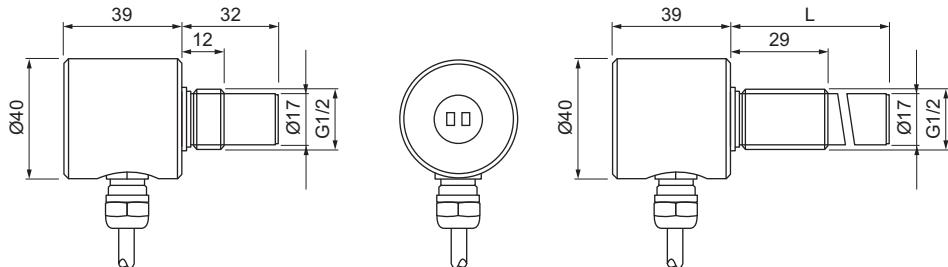
DC 24 V

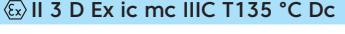
Analog output



Design

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:							
	Dust:							
Ambient temperature [°C] and medium temperature		Gas:	T3, T4: -10 ≤ Ta ≤ +60 -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							

