



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)

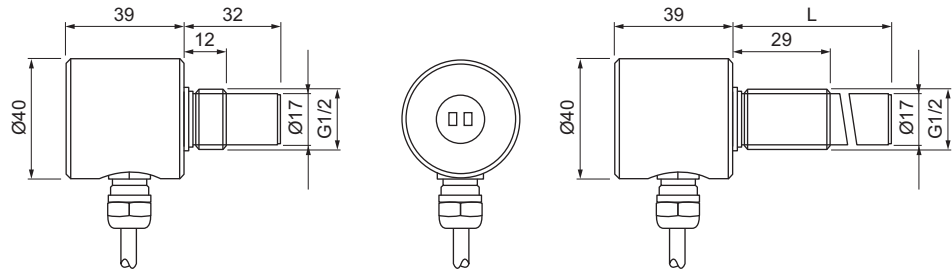
DC 24 V

PNP output



Design **G1/2**

Dimensions



Detection range	[m/s]	gaseous media 0.5...20			
Sensor length L	[mm]	32	49	101	151
Output		 PNP			
ID-No.		P11405	P11406	P11407	P11408
Type		LC 521 GSP-Ex22	LC 521/1 GSP-Ex22	LC 521/2 GSP-Ex22	LC 521/3 GSP-Ex22
Ex area of use		Gas: Zone 2 / Dust: Zone 22			
Certificate of conformity		EGE 20.0010 X			
Ex marking		Gas:	II 3 G Ex ic mc IIC T4...T3 Gc		
		Dust:	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			
Switching current	[mA]	≤ 200			
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		three-colour-illuminated dot red/yellow/green			
Protection	[EN 60529]	IP 67			
Connection		2 m PUR-cable 3x0.5 mm ²			

