



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	M18x1
Dimensions	
Detection range [m/s]	gaseous media 0.5...20
Sensor length L [mm]	80
Output	 4...20 mA
ID-No.	P11421
Type	LC 518 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