



Ex-Probe | Device category 1G, 1G/2G and 1D

Ex-Device category 1G
Installation in Zone 0 (gas)

Ex-Device category 1G/2G
Installation in partition wall
Zone 0 / Zone 1 (gas)

Ex-Device category 1D
Installation in Zone 20 (dust)



Design	G1/2	
Dimensions		
Detection range [m/s]	air 2...25	
Sensor length [mm]	65	
Connection	fixed cable	plug
ID-No.	P11152	P11206
Type	STS 212 K	
Ex area of use	Gas: Zone 0, Partition wall Zone 0 / Zone 1 / Dust: Zone 20	
Certificate No.	TÜV 98 ATEX 1298 X	
Ex marking	Gas: Ex II 1 G Ex ia IIC T4...T3 Ga Ex II 1/2 G Ex ia IIC T4...T3 Ga/Gb Dust: Ex II 1 D Ex ia IIIC T145 °C Da	
Ambient temperature and medium temperature [°C]	Gas: T4: -20 ≤ Ta ≤ +70 T3: -20 ≤ Ta ≤ +85 Dust: -20 ≤ Ta ≤ +85	
Maximum values	Ui = 13.65 V / li = 200 mA / Pi = 0.69 W / Ci = 0.27 nF / Li = 1.30 µH	
Start-up time typ. [s]	10...40	
Reaction time typ. [s]	5 (2...30)	
Compressive strength [bar]	10	
Housing material	AISI 316 Ti • different materials on request	
Protection [EN 60529]	IP 67	
Connection	2 m PUR-cable 4x0.25 mm ²	M12 connector
<div style="display: flex; align-items: center;"> <div> <p>1: BN</p> <p>2: WH</p> <p>3: BU</p> <p>4: BK</p> </div> </div>		
Note:	Observe specific conditions for use in section "Technique and application" on page 1.13 for the connection to amplifier SZAb..., page 1.104-1.105	