



Ex-Probe | Device category 1G, 1G/2G und 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	G1/4	G1/2	G1/2	NPT1/2	G3/4								
Dimensions													
Detection range [cm/s]	water 1...100 / oil 3...200												
Sensor length [mm]	25	31	48	40	48								
Connection	fixed cable	fixed cable	fixed cable	fixed cable	fixed cable								
ID-No.	P11140	P11141	P11142	P11143	P11168								
Type	STS 101 K	STS 102 K	STS 103 K	STS 104 K	STS 106 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 T6...T3 Ga Ex II 1/2 G Ex ia IIC T6...T3 Ga/Gb Dust: Ex II 1 D Ex ia IIIC T125 °C Da												
Ambient temperature and medium temperature [°C]	Gas: T6: -20 ≤ Ta ≤ +40 T5: -20 ≤ Ta ≤ +55 T4: -20 ≤ Ta ≤ +85 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]	8 (2...18)												
Reaction time typ. [s]	2 (1...13)												
Compressive strength [bar]	60												
Housing material	AISI 316 Ti • different materials on request												
Protection [EN 60529]	IP 67												
Connection	2 m PUR-cable 4x0.25 mm ²												
Note:	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> Messfühler Probe </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>3 BU</td><td>8</td></tr> <tr><td>1 BN</td><td>7</td></tr> <tr><td>2 WH</td><td>6</td></tr> <tr><td>4 BK</td><td>5</td></tr> </table> <div style="margin-left: 10px;">SZAb</div> </div> <p>Observe specific conditions for use in section "Technique and application" on page 1.13</p>					3 BU	8	1 BN	7	2 WH	6	4 BK	5
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