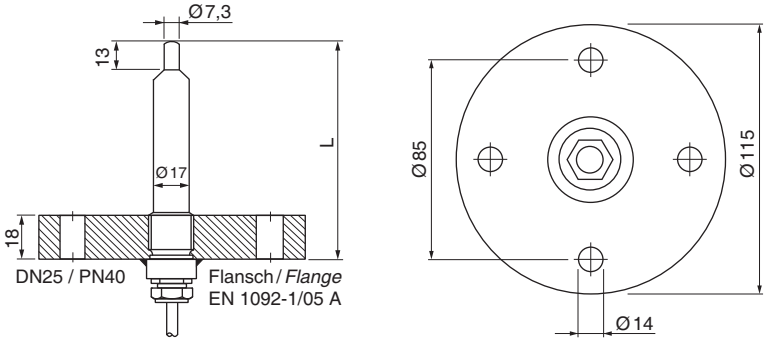
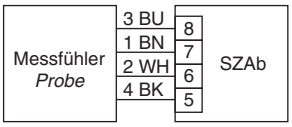
-Probe | Device category 1G, 1G/2G and 1D

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

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

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

With welded standard flange

Design	*DN25 / PN40 (EN 1092-1/05 A)*		
Dimensions			
Detection range [cm/s]	water 1...100 / oil 3...200		
Sensor length L [mm]	80	110	140
Connection	fixed cable	fixed cable	fixed cable
ID-No.	**P11191**	**P11148**	**P11149**
Type	STS 111 K-L80	STS 111 K-L110	STS 111 K-L140
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: II 1 G Ex ia IIC T6...T3 Ga / II 1/2 G Ex ia IIC T6...T3 Ga/Gb Dust: 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 / Ii = 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]	probe: 60 / flange: PN40		
Housing material	AISI 316 Ti • different materials on request		
Protection [EN 60529]	IP 67		
Connection	2 m PUR-cable 4x0.25 mm²		
			
	Observe specific conditions for use in section "Technique and application" on page 1.13		
Note:	for the connection to amplifier SZAb..., page 1.104-1.105		

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