

## Ex - Probe • Zone 0 - 1

### Series STS

Dust  $\text{Ex II 1D IP 67 T 100}^\circ\text{C}$

Gas  $\text{Ex II 1/2G Ex ia IIC T4}$

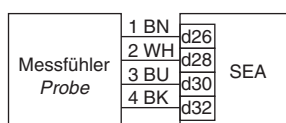
G1/2 thread

Stainless steel

High temperature 120 °C



Design	G1/2		
Dimensions			
Detection range [m/s]	2...25		
Output	fixed cable	plug	fixed cable
ID-No.	P11153	P11207	P11212
Type	STS 215 K	STS 215 S	STS 215 KH
Medium temperature [°C]	-20...+60		+10...+60   +10...+120
Zone	0/1 / 20		0/1   1
Ex marking	II 1D IP67 T 100°C / II 1/2G Ex ia IIC T4		II 1/2G Ex ia IIC T4
Certificate No.	TÜV 02 ATEX 1816 X		TÜV 02 ATEX 1816 X
Ambient temperature for T-classes [°C]	T4: 60 T3: 60		T4: 60   T4: 95 T3: 60   T3: 120
Maximum values	Pi = 0.69 W Ci = negligibly small Li = negligibly small		
Temperature gradient [K/min]	10		
Start-up time typ. [s]	5...20		
Reaction time typ. [s]	3 (2...30)		
Compressive strength [bar]	10		
Sensor material	AISI 316 Ti • different materials on request		
Protection [EN 60529]	IP 68	IP 67	IP 68
Connection	2 m PUR-cable 4x0.25 mm <sup>2</sup>	M12 connector	2 m FEP-cable 4x0.25 mm <sup>2</sup>



(probes with cable length > 2 m are available on request)

Notice for the connection to amplifiers SZA..., SEA..., SS 400, see page 1.76 - 1.79