

## Ex - Probe • Category 1/2 - 1 • Zone 0/1 - 20

### Series STS

#### Gas-Ex Category 1/2

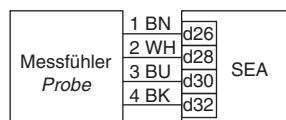
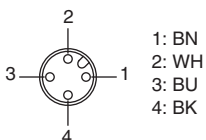
Ex II 1/2 G Ex ia IIC T4 Ga/Gb

#### Dust-Ex Category 1

Ex II 1 D Ex ia IIIC T120 °C Da



Design	G1/2	
Dimensions		
Detection	[m/s]	air 2...25
Sensor length	[mm]	65
Connection		fixed cable
ID-No.		P11152
Type		STS 212 K
Ex area of use	Gas: Zone 0/1 / Dust: Zone 20	
Certificate No.	TÜV 98 ATEX 1298 X	
Ex marking	Gas:	Ex II 1/2 G Ex ia IIC T4 Ga/Gb
	Dust:	Ex II 1 D Ex ia IIIC T120 °C Da
Ambient temperature and medium temperature	Gas:	T4: -20 ≤ Ta ≤ +60 T3: -20 ≤ Ta ≤ +60
	Dust:	-20 ≤ Ta ≤ +60
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 68
Connection		2 m PUR-cable 4x0.25 mm <sup>2</sup>
		M12 connector



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

Notice for the connection to amplifiers SZA..., SEA..., SS 400, see page 1.85 - 1.88