

AIR FLOW CONTROLLER

 - Sensors Zone 0 - 1

LW 4600

Series STS

Dust  II 1 D T100 °C

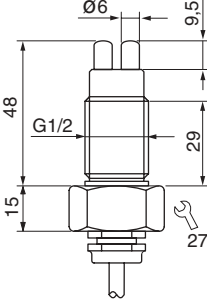
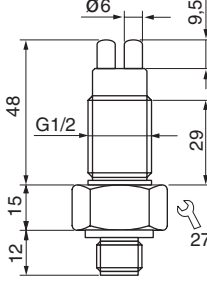

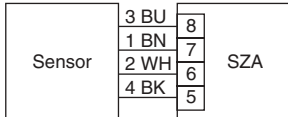
Gas  II 1/2 G EEx ia IIC T4

Gas  II 1 G EEx ia IIC T6

G1/2 thread

High temperature 120 °C



Design	G1/2		
Dimensions	 		
Detection range [m/s]	2...25		
Output	Fixed cable LW 4601, LW 4602	Plug	Fixed cable LW 4603
Type	STS 215 K	STS 215 S	STS 215 KH
Medium temperature [°C]	-20...+60		+10...+60 +10...+120
Zone	0/20		0 1/2
Ex marking	II 1 D T100 °C IP67 / II 1 G EEx ia IIC T6		II 1/2 G EEx ia IIC T4
Certificate No.	TÜV 02 ATEX 1816 X		TÜV 02 ATEX 1816 X
Ambient temperature [°C] for temperature classes	T6: 35 T4: 60 T5: 45 T3: 60		T6: 35 T4: 60 T6: 45 T4: 95 T5: 45 T3: 60 T5: 65 T3: 120
Maximum values	Pi = 0,69W 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 67		IP 68
Connection	2 m FEP-cable 4x0.25 mm ²	M12-plug system	2 m PUR-cable 4x0.25 mm ²
			
Notice	For the connection to amplifiers SZA..., SEA..., see page 1.62 - 1.65		