

AIR FLOW CONTROLLER



Ex - Sensors Zone 0 - 20

Series STS

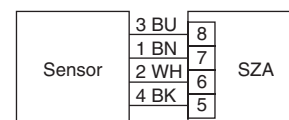
Dust Ex II 1D T 137 °C

Gas Ex II 1G EEx ia IIC T4

G1/2 thread



| Design | G1/2 | G1/2 |
|---|---|-----------|
| Dimensions | | |
| Detection range [m/s] | 2...25 | 2...25 |
| Output | Fixed cable | Plug |
| ID-No. | P11152 | P11206 |
| Type | STS 212 K | STS 212 S |
| Medium temperature [°C] | -20...+60 | |
| Zone | 0/20 | |
| Ex marking | II 1D T 137 °C IP67 / II 1G EEx ia IIC T4 | |
| Certificate No. | TÜV 02 ATEX 1816 X | |
| Ambient temperature [°C] for temperature classes | T4: 45 T3: 60 | |
| Maximum values | Pi = 0.69 W Ci = negligibly small Li = negligibly small | |
| Temperature gradient [K/min] | 1 | |
| Start-up time typ. [s] | 10...40 | |
| Reaction time typ. [s] | 5 (2...30) | |
| Compressive strength [bar] | 10 | |
| Sensor material | AISI 316 Ti • different materials on request | |
| Protection [EN 60529] | IP 68 | IP 67 |
| Connection | 2 m PUR-cable 4x0.25 mm ² / M12 connector | |



Notice For the connection to amplifiers SZA..., SEA..., SS 400, see page 1.62 - 1.66