TMS3000D / Configuration A Most significant technical data TMS3000 Digital, Configuration A Mains: 100 Measuring ranges for air velocity: \pm 5m/s to \pm 20m/s (optional to \pm 40m/s) Cable to PT100-sensor. Resolution: <0.1m/s (digital und analog) 4-wire Connection. Connection box Cable 2x2x0.5mm²+S Measuring ranges for temperature (traffic area): AB2000PT **SMAG** .265V/50/60Hz -30...+140°C (standard) up to or AB3000 MU3000DF Powerlink¹ -30...+600°C (optional, on request) or 24VDC Ch A Resolution: <0.1°C (digital und analog) PT100 TT 8 R Absolute pressure range: 600...1100mbar Resolution: <0.1mbar (digital und analog) Differential ram air tube for channel A MU3000DF (Ch A / Ch B) Averaging (normal operation): 1...400 sec. DDSR2000/3000 uP-controlled transducer Averaging (in emergency/fire): 0.1...20 sec. 42 or 84TE (field mounted, IP65) for: Both adjustable by SMAG-Engineer during local Double tube hose² -Differential pressure (from DDSR) setup. The 2 presets are selectable using the bus-(for high temperature TMS3000D -Barometric pressure (traffic area) system or an external 24Vdc status signal applications: material -Temperature (traffic area) Stainless steel to the SMAG Powerlink -Air velocity (by SMAG-Engineer Parameterization firewall) Communicates data over RS485 and supplies the (digitally transmitted data) MU3000DF with 18 24Vdc DDSR2000/3000 Channel B [1] Cable 4x2x0.5mm²+S (over 500m: 0.75mm²) [2] Inner $\emptyset = 4$. outer $\emptyset = 6.1$ mm PT100 = SMAG AB2000PT Powerlink¹ or AB3000 MU3000DF Bus-system (Option, not available before 2011) Ch B Current outputs and I/O status signals TT 8 R Measured values: 4...20mA or 4...12...20mA Typically up to 50m up to 1000 m RL \leq 750Ω (approx. 500Ω recommended) Status inputs: Low:<2.5Vdc, High:>18Vdc Status outputs: galvanically insulated 24V opencollector-outputs, compatible with most MPCs, Next niche/protected room or (no relays). Next fire protected sub-center Traffic area sub-center or operation center

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Tunnel control- or operation-center

(fire protected recommended)