

Flow Measurement in Harsh Environment

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1. Dust air flow measurement in Hauba Application T range: +70.....+90C Medium air with paper fibers, high humidity 90%, oil fog... Medium pressure 30 mBar Flow range: 0,7.....5m/s Solution with Höentzsc Vortex probe see in attachment 2. Chlorine gas volume measurement with termalmas Menium : „dray” chlorine gas Tube diameter is : DN20 Maximum pressure: 6 bar Volume off flow: 2 000 g/h Adapter for DIN process connection Output signal 4..20mA g/h Calculated calibration curve Temperature range: 0....40C No Ex Remote electronic with display Model 504FTB-6, 3/8" In-Line Mass Flow Transmitter 3. Solvent dosing measurement Model: LGD55B10-D20A Connection: 40mm JIS10K Flange Linearity: + 0.35% RD Flow Range: 0.4 - 14 m3/h at viscosity 2 - 5 mPa.s. (Please confirm viscosity) Temperature Range: 0 to 120 Deg. C Flange to flange dimension: 245 mm Medium: solvents mediums density: 0,8....1,2 accuracy :0,5...1% tube diameters: DN40 medium temperature range regarding outside installation