

Range of application for SDF flow sensors



Paper industry	<ul style="list-style-type: none"> • Flow rate of saturated steam for the drying sections of the paper machines, e. g. 0,4 MPa abs./0,7 MPa abs. etc. • Live steam pipe in the boiler house – total steam generation • Flow rate of condensate/feed water • Stack/exhaust gas measuring • Consumption of compressed air of the different compressed air strands
Food industry (dairy, chocolate, coffee products, sweets)	<ul style="list-style-type: none"> • Flow rate of saturated and superheated steam for the most different power requirements • Live steam pipe in the boiler house – total steam generation • Flow rate of condensate/feed water • Consumption of compressed air of the different compressed air strands • Outgoing air from production
Car industry	<ul style="list-style-type: none"> • Flow rate of cooling water • Consumption of compressed air of the different compressed air strands • Live steam pipe in the boiler house – total steam generation • Flow rate of condensate/feed water • Flow rate of welding gases like oxygen, acetylene, argon etc. (also possible with DIN meter run or recording of the nitrogen consumption) • Flow rate of exhausted/circulating air for coating drying units incl. alarm monitoring
Mineral oil/Gas industry	<ul style="list-style-type: none"> • Flow rate of steam, superheated steam and live steam in the boiler house – total steam generation • Flow rate of condensate/feed water • Flow rate of stacks/exhaust flow (German "TA – Luft") • Flow rate of production gas (caution with special materials) • Consumption of compressed air of components • Flow rate of cooling water • Liquid hydrocarbons/replacement of orifices
Cement industry	<ul style="list-style-type: none"> • Flow rate of cooling water • Consumption of compressed air of components • Flow rate of production air in large diameter pipes, e. g. flow rate of raw flour with LSE purging device • Rate of hot air, e. g. 950°C with special materials
Machine industry	<ul style="list-style-type: none"> • Flow rate of compressed air for plants/machines • Flow rate of exhaust air/circulating air • Flow rate of saturated steam to the production machine
Chemical industry	<ul style="list-style-type: none"> • Flow rate of steam, superheated steam and live steam • Flow rate of condensate/feed water • Flow rate of production air/gas (for aggressive gases), also in special materials • Flow rate of compressed air for components • Flow rate of cooling water
Tyre and rubber industry	<ul style="list-style-type: none"> • Flow rate of saturated steam/live steam incl. feed water/condensate • Flow rate of production air and waste air
Engineering offices for equipment construction and/or for outsourced data logging of auxiliary energy	<ul style="list-style-type: none"> • All mentioned applications

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Sewage plants and engineering offices for waste water	<ul style="list-style-type: none">• Air flow measurement for aeration• Flow rate of bio gas
Printing and publishing houses	<ul style="list-style-type: none">• Flow rate of waste air in large diameter channels and pipes with alarm monitoring
Power plants	<ul style="list-style-type: none">• Flow rate of superheated steam in high pressure execution in the live steam pipe• Flow rate of air in the boiler, flow rate of gas, bio gas, digester gas• Flow rate of compressed air• Flow rate of water for feed water/water treatment
Combustion plants/production of burners	<ul style="list-style-type: none">• Fresh air/gas flow rate
Engineering offices for landfill sites and treatment of agricultural excrements	<ul style="list-style-type: none">• Flow rate of landfill gases/bio gases
Brick works and ceramic industry	<ul style="list-style-type: none">• Flow rate of hot air and flue gas in channels and large diameter pipes
Sugar industry	<ul style="list-style-type: none">• Flow rate of saturated steam and live steam in the total steam pipe• Flow rate of feed water and condensate• Flow rate of compressed air in components
Composting plants	<ul style="list-style-type: none">• Rate of methane/air• Measuring of pressure and temperature