

Media 5 Differential Pressure and Flow Meter



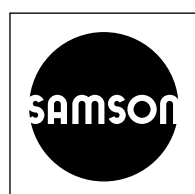
4 to 20 mA Option Module

- Liquid level measurement in pressure tanks, especially for cryogenic gases
- Flow rate measurement according to the differential pressure method
- Conversion of the pointer's position into an analog signal (4 to 20 mA)
- Non-contact measurement of the pointer's position using a proven position sensor
- Simple and compact unit
- For retrofitting or already installed in the indicating unit on delivery
- Installed flow characteristics



Data – Media 5 Differential Pressure and Flow Meter

4 to 20 mA option module	
Version	Magneto-resistive measuring system
Supply voltage U_b	12 to 36 V (DC)
Output signal	4 to 20 mA, two-wire system
Perm. load R_b in Ω	$R_b = (U_b - 12 \text{ V}) / 0.020 \text{ A}$ ($R \leq 600 \Omega$ at 24 V and 20 mA)
Power consumption	103 mW
Settings	Zero calibration, Span calibration, Select characteristic, Test function
Characteristic	Output and reading linear, Square root extraction depending on installed flow characteristic, Characteristic set at the factory
Deviation from terminal-based linearity	$\leq \pm 0.2 \%$, related to 270° measuring span
Sensitivity	$\leq \pm 0.5 \%$, related to 270° measuring span
Effect of ambient temperature in the range from -40 to +80 °C	< 0.1 % /10 K for zero and span



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