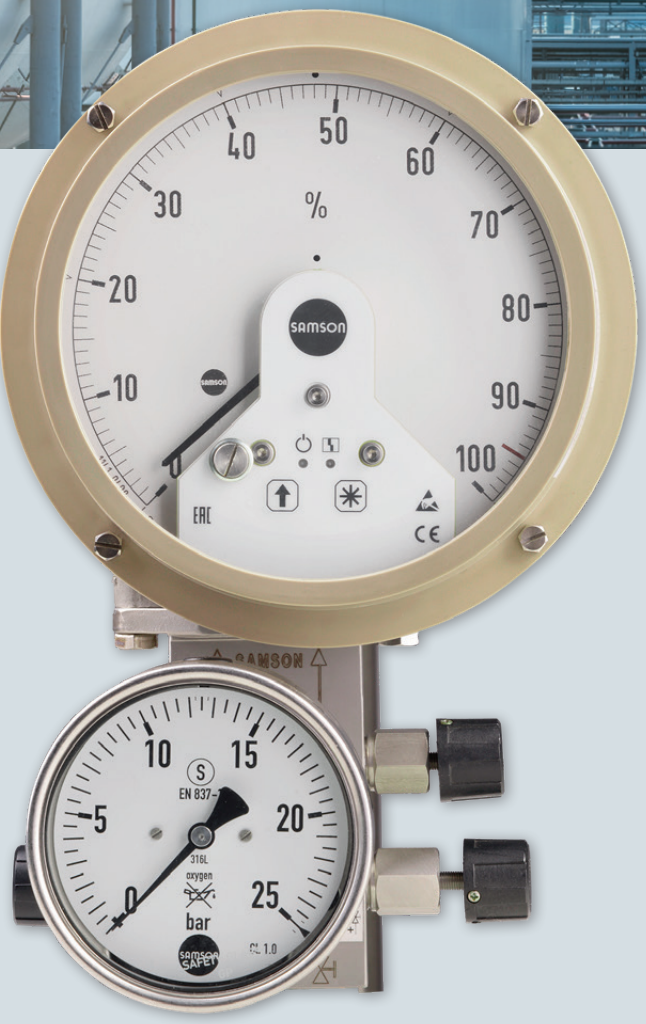
Media 5 Differential Pressure and Flow Meter

With 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



SMART IN FLOW CONTROL

Media 5 Differential Pressure and Flow Meter

4 to 20 mA current output	**Module 100049064 with explosion protection**	**Module 100033844 without explosion protection**
Version	Magnetoresistive measuring system	
Supply voltage U_B	12 to 28 V (DC)	12 to 36 V (DC)
Output signal	4 to 20 mA, two-wire system	
Perm. load R_B in Ω	$R_B = (U_B - 12\ V)/0.020\ A$|($R \leq 600\ \Omega$ at 24 V and 20 mA)	
Power consumption		103 mW
Settings	Zero calibration|Span calibration|Characteristic selection|Test function	
Characteristic	Output and reading linear or square root extraction depending on installed flow characteristic Characteristic set at the factory	
Deviation from terminal-based linearity	<±0.2 %, related to 270° measuring span	
Sensitivity	<±0.05 %, 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	
Type of protection	ATEX: II 2 G Ex ia IIC T4 Gb IECEx: Ex ia IIC T4 Gb	
Conformity	CE | EAC	

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