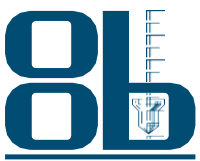




TMS100 SERIES METALLIC FLOWMETERS



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TECHNICAL FEATURES

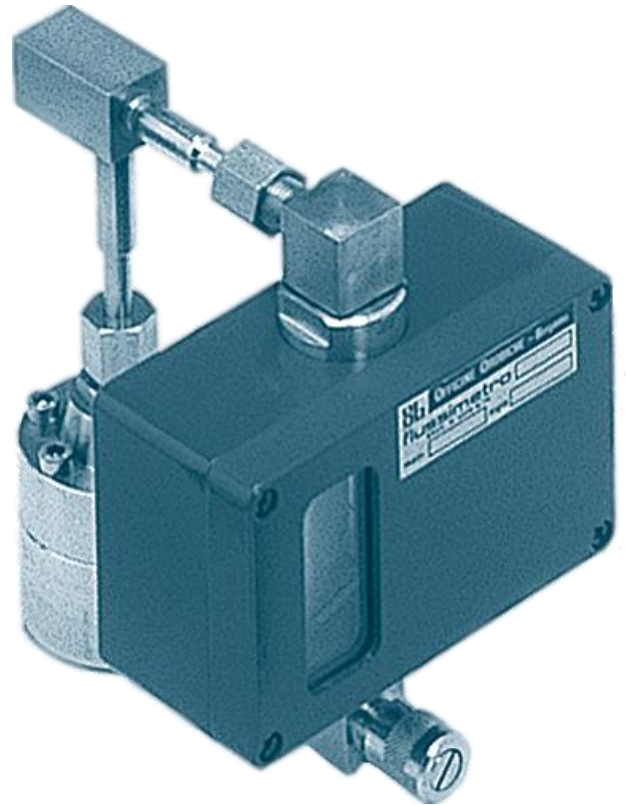
- Measuring tube in AISI 316
- Float and wetted parts in AISI 316
- Magnetic of reading transmission
- Aluminium housing IP 65
- Vertical mounting with rising flow
- Measuring range 1/10
- Scale 40 mm.
- Accuracy: $\pm 5\%$ full scale value
- Connections: 1/2" GAS-F or NPT-F
- Weight: ~ 200 gr

OPERATING CONDITIONS

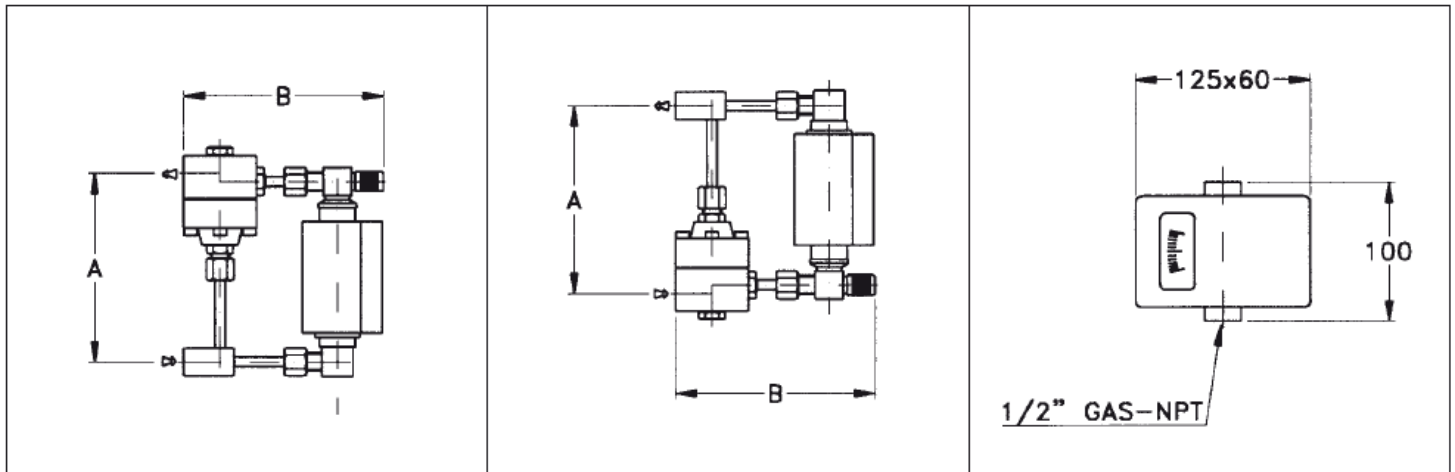
- Max pressure 150 Bar
- Max temperature 150° C
- Viscosity: 1CPS

OPTIONS - ACCESSORIES

- Flanged connections, axial and/or square
- Min. or max. contact with inductive bistable sensor, NAMUR type
- Output on connector with PG7
- Built-in control valve
- Self-regulator of flow range in input or output with connections:
 - 1/4" up to 3.000 NI/h of air
 - 1/2" up to 6.000 NI/h of air
- Self-regulator in input (RE), is used with variable pressure in input and constant in output (this last value has to be used in the calculation).
- Self-regulator in output (RU), is used with variable pressure in output and constant in input (this last value has to be used in the calculation).



REMARK= The self-regulator isn't applicable for water



Ref .	Self -regulator (1/4")	Self -regulator (1/2")
A mm	135	149
B mm	145	330

SCHEDULE OF FLOW RANGES

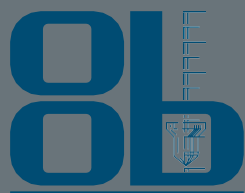
CODE	FLOW RANGE FOR WATER sg= 1 cps= 1 (l/h)	CODE	FLOW RANGE FOR AIR (NI/h)	PD max (mbar)
A10	0,1 - 1	B10	3 - 30	15
A16	0,16 - 1,6	B16	5- 50	15
A25	0,25 - 2,5	B25	8 - 80	15
A40	0,4 - 4	B40	12 - 120	15
A01	0,6 - 6,3	B01	20 - 200	18
A02	1 - 10	B02	30 - 300	18
A03	1,6 - 16	B03	50 - 500	18
A04	2,5 - 25	B04	80 - 800	18
A05	4 - 40	B05	120 - 1.200	18
A06	6,3 - 63	B06	200 - 2.000	18
A07	10 - 100	B07	300 - 3.000	25
A08	16 - 160	B08	500 - 5.000	25
A09	20 - 200	B09	600 - 6.000	20

HOW TO ORDER

Example: TMS100 - G - B07 - C0 - S1 - RPJE - XX

TMS100	model
G	Threaded connections 1/2" GAS-F
N	Threaded connections 1/2" NPT-F
B07	flow range 300 - 3.000 NI/h of air 20°C, 1 Bar (if different from standard, put the code "x" and specify)
C0	without alarm
C1	an inductive bistable sensor
S1	Built-in control valve 1/4" (max 100l/h of water 1800 NI/h of air)
S2	Built-in control valve 1/2"
RPJE	self-regulator 1/4" ss 316 in input
RGJE	self-regulator 1/2" ss 316 in input
RPJU	self-regulator 1/4" ss 316 in output
RGJU	self-regulator 1/2" ss 316 in output
XX	speciality to be described separately (ex. housing in inox)

In case of fluid different from water please specify the type of fluid precising: specific gravity, viscosity, temperature, pressure, at the operating conditions.



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