

BFS-100

for liquid and gaseous media

Features

set point continuously adjustable (factory set)*, low hysteresis, rugged design, any mounting position, high functional safety and switching accuracy, inline design, resistant to dirty media

Measuring ranges

1...6 l/min and 1...11 l/min for water

Applications

Measuring and monitoring of liquids, e. g. in cooling system of machine tools, pumps etc.

Technical data BFS-100

Measuring principle : variable area flow meter

Materials	POM	brass
Variable area flow meter	: POM	POM
Spring	: 1.4310	1.4310
Housing	: POM	MS 58, nickel-plated
Magnets	: Ferrite	Ferrite

Operating pressure	: POM	brass	Pressure drop
BFS-100	: PN 10 bar	100 bar	0,3 at 25 l/min

Operating temperat. : 90 °C

Switching ranges (Water in l/min):

l/min	Process connection
1,0...6,0	G1/4 G3/8 G1/2
1,0...11,0	G3/4 G1

Accuracy : ±10% f. s.

Electrical connection : Plug M 12 x 1, 4-pin

Contact rating : 230 V AC / 0,5 A / 50 VA

Protection class : IP67



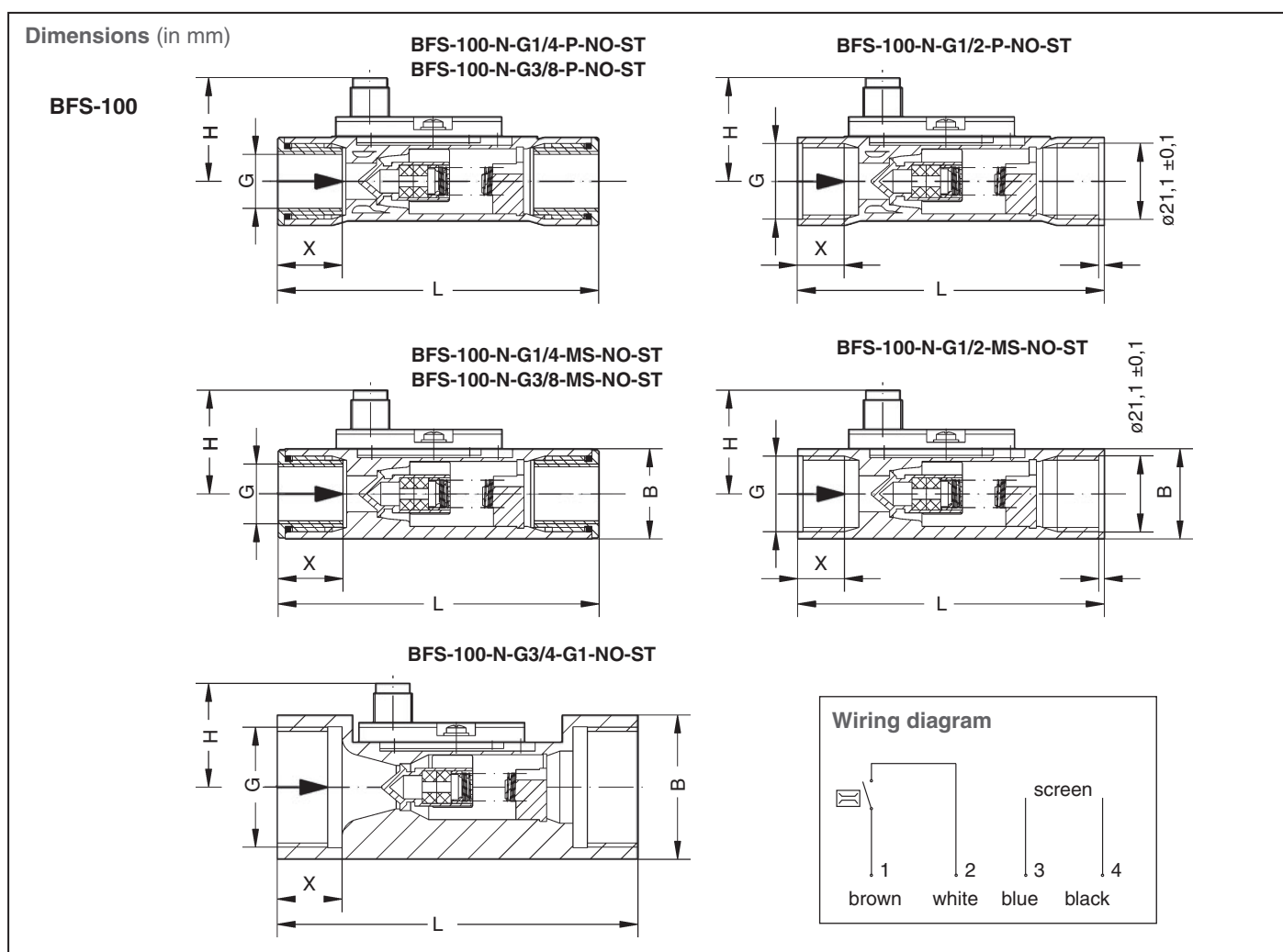
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Specifications are subject to changes without notice.

* - Please specify flow direction, medium and switching value in your order.
 - Please specify viscosity, temperature and medium for viscous media (e. g. ISO VG 68). (Inquire switching value)
 - Please specify pressure for gases (relative resp. absolute), temperature and medium (e. g. air). (Inquire switching value)

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Dimensions (in mm)

Type	DN	G	X	H	L	B	Hex	Weight (g)
POM	8	1/4	18	30	89	--	27	50
POM	10	3/8	18	30	89	--	27	50
POM	15	1/2	12	30	85	--	27	40
POM	20	3/4	18	30	100	36	--	130
POM	25	1	18	30	100	40	--	170
MS	8	1/4	18	30	89	25	--	330
MS	10	3/8	18	30	89	25	--	310
MS	15	1/2	12	30	85	25	--	280
MS	20	3/4	18	30	100	36	--	720
MS	25	1	18	30	100	40	--	830

Order numbers

BFS-100	P	BFS-100	Brass
0717-001	BFS-100-N-G1/4-P-NO-ST	0718-001	BFS-100-N-G1/4-MS-NO-ST
0717-002	BFS-100-N-G3/8-P-NO-ST	0718-002	BFS-100-N-G3/8-MS-NO-ST
0717-003	BFS-100-N-G1/2-P-NO-ST	0718-003	BFS-100-N-G1/2-MS-NO-ST
0717-004	BFS-100-N-G3/4-P-NO-ST	0718-004	BFS-100-N-G3/4-MS-NO-ST
0717-005	BFS-100-N-G1-P-NO-ST	0718-005	BFS-100-N-G1-MS-NO-ST

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