

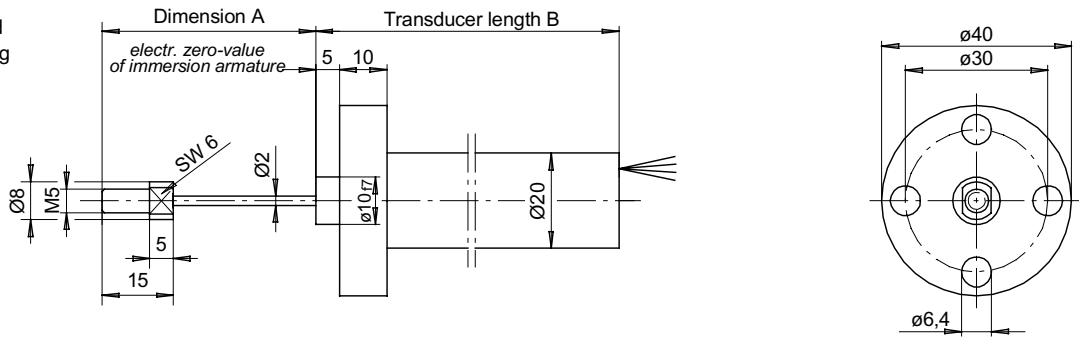


Inductive Transducer
for Valve- and Bulb Measurements
DF (pressure resistant up to 350 bar)

MESSOTRON

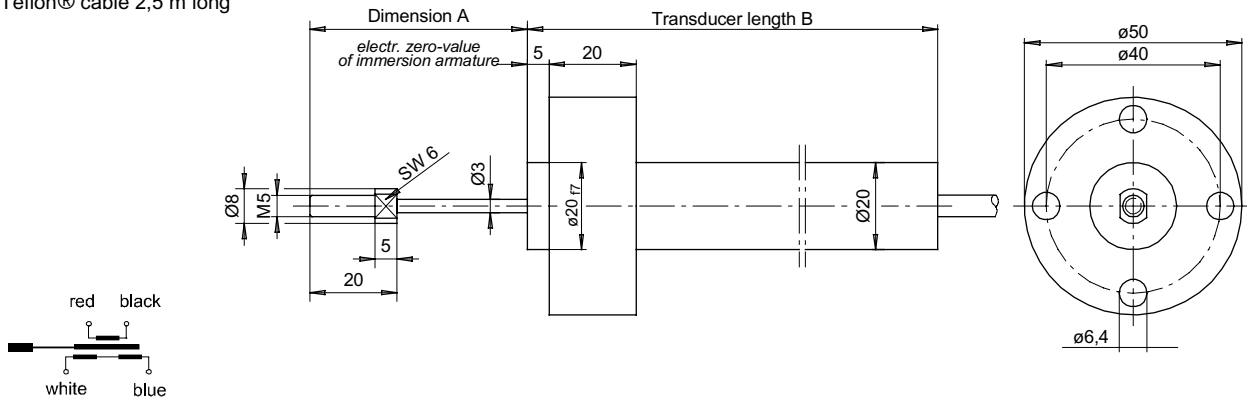
Dimensions for DF 2 ... DF 20

Teflon® braided wire 250 mm long



Dimensions for DF 25 ... DF 125

Teflon® cable 2,5 m long



		DF 2	DF 4	DF 6	DF 10	DF 15	DF 20	DF 25	DF 50	DF 65	DF 80	DF 100	DF 125
Nominal range	mm	±1	±2	±3	±5	±7,5	±10	±12,5	±25	±32,5	±40	±50	±62,5
Max. stroke	mm	3	5	8	12	18	22	30	55	70	90	110	140
Dimension A	mm	20	20	20	30	30	40	40	80	80	85	100	100
Dimension B	mm	45	65	80	100	125	145	165	245	310	425	425	560
Transducer weight	g	200	260	300	340	420	490	600	700	900	1100	1100	1300
Immersion armature weight	g	2	3	4	10	14	20	20	25	35	45	55	60
Supply voltage	V eff	up to 5											
Excitation frequency *)	kHz	5 kHz option: 10 kHz											
Static resolution		continuous											
Recommended amplifier		MBI 46.31											
Non-linearity *)		±0.5% of measuring range option: 0.25%											
Temperature error of zero position		±0.1% / 10K											
Temperature error of sensitivity		±0.15% / 10K											
Operating temperature *)		-20°C ... +80°C Option: 120°C											
Protection class (DIN 40050)		IP 65											
Maximum pressure		Operating pressure 300 bar; test pressure 450 bar						Operating pressure 350 bar; test pressure 500 bar					
Electrical connection **)		braided wire 250 mm						axial cable 2.5 m					

*) select option when ordering

**) Other connections possible

<p>DF Series 2 ... 125 mm</p>	<p>Drawing 28.11.10</p> <p>Date 03/95 Previous issue: 28.11.00 / 28.12.00</p>
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