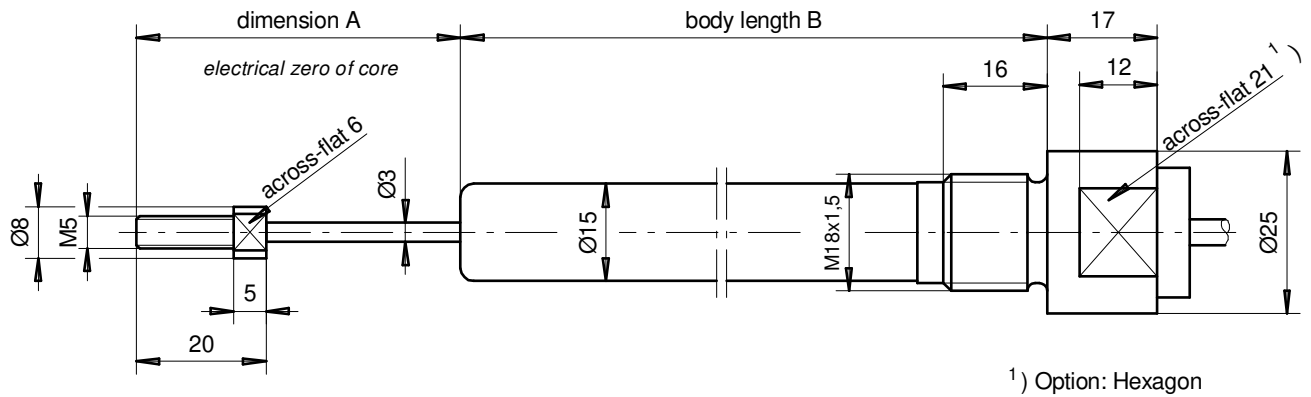


Inductive Transducer

for hydraulic and cylinder applications

DGB (pressure-proof up to 300 bar)

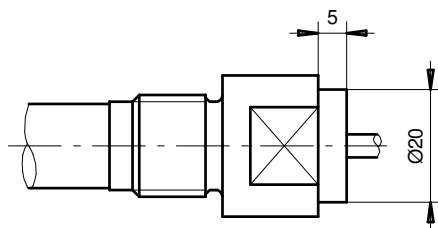
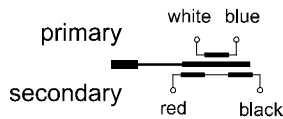
MESSOTRON
SENSOR TECHNOLOGY



Wire interface

teflon cable 2.5 m long

Connection:

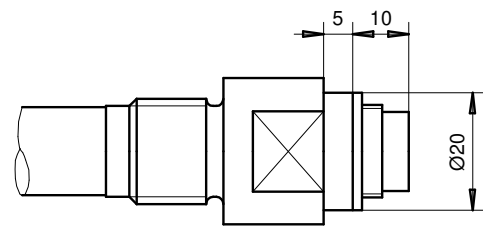
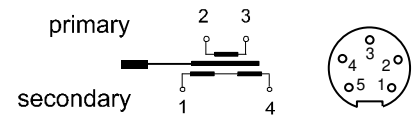


Example: DGB 50 K 0.25%

Connector interface

mating connector supplied

Connection:



Example: DGB 50 BX 0.5%

		DGB 25	DGB 50	DGB 100	DGB 150	DGB 200	DGB 250	DGB 300	DGB 400
Electrical stroke	mm	±12,5	±25	±50	±75	±100	±125	±150	±200
Max. mechanical stroke	mm	30	55	105	160	210	260	320	420
Dimension A	mm	40	55	80	105	130	155	180	230
Mounting length B	mm	80	120	160	240	320	400	480	620
Transducer weight	g	450	500	550	650	800	900	1050	1250
Plunger weight	g	12	14	16	20	25	28	30	35
Excitation voltage		1 ... 5 Veff							
Excitation frequency *)		5 kHz, option: 10 kHz							
Static resolution		virtually infinite							
Recommended amplifier		MBI 46.31							
Non-linearity *)		±0.5% F.S.O., option: ±0.25%							
Temperature coefficient of zero		±0.04% / 10K							
Temperature coefficient of span		±0.1% / 10K							
Pressure resistance		operating pressure 300 bar; test pressure 450 bar							
Operational temperature *)		-40°C ... +80°C, option for wire interface: up to 120°C							
Protection Class (DIN 40050)		IP 65							

*) select option when ordering