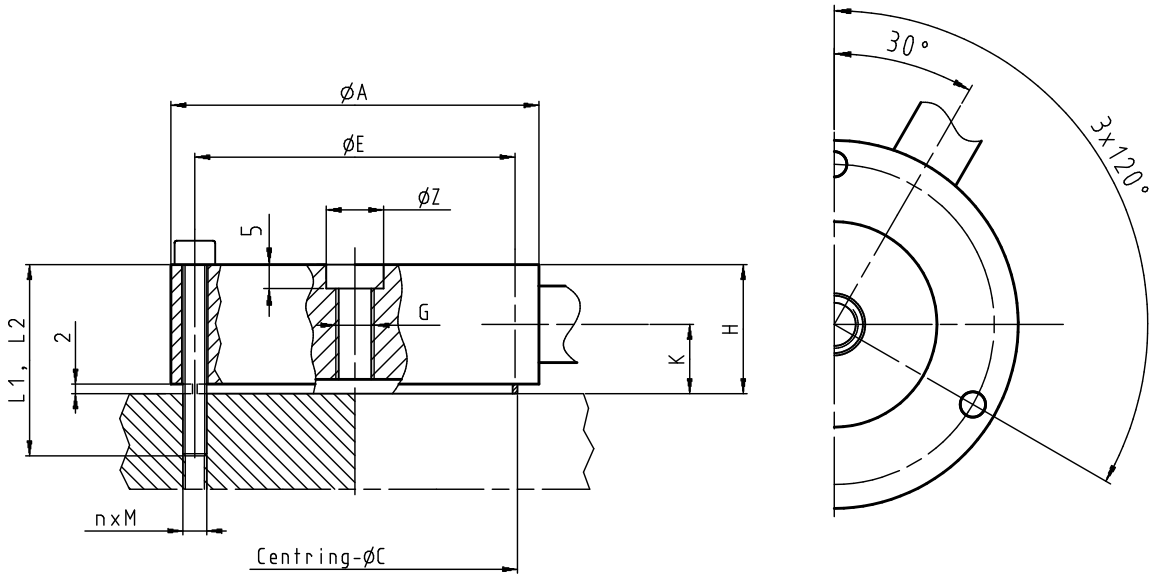
Force Transducer K

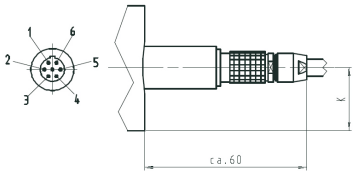
Dimensions Nominal Capacity 200 N - 2.5 kN



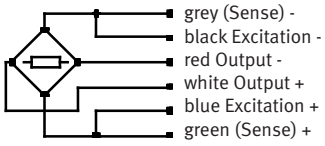
Nominal capacity	F_{nom}	± kN	0.2, 0.5, 1, 2.5
Outer diameter	ø A	mm	77
Flange diameter	ø B	mm	-
Outer centring diameter	ø C	mm	68 - 0.1
Outer pitch circle diameter	ø E	mm	67 ± 0.1
Centring pin diameter	ø Z	mm	9.0 + 0.05
Overall height	H	mm	23
Height of cable entry	K	mm	12.5
n × thread			3 × M5
Inner pitch circle diameter	ø F	mm	-
Thread adapter internal thread	ø G		M8
recomm. stretch bolt quality			8.8
static load	L_2	mm	35
dynamic load	L_1	mm	35
max. bolt torque (oiled, μ = 0.12)		N·m	on request
Permissible dynamic load range [1]	$2 \cdot F_a$		$1.6 \cdot F_{nom}$
electr. connection	Cable connected to transducer (5 m, PUR 6 wire, screened, ø 6.5 mm, open ended)		

Plug connection (LEMO)

View from pin side



LEMOS, EGG.1B.307.CLL
1 Output +
2 Excitation -
3 Excitation +
4 Output -
5 Sense +
6 Sense -
Screen connected to sensor body
Corresponding plug:
FGG.1B.307.CLA.D72



1) with alternating load acc. to DIN 50100, not exceeding ± F_{nom}

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