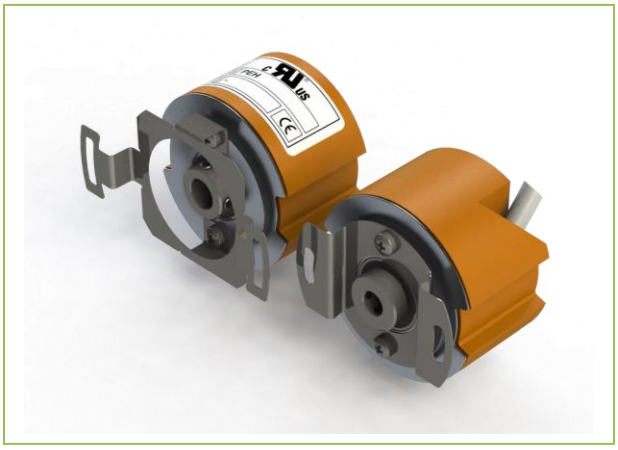
PEH

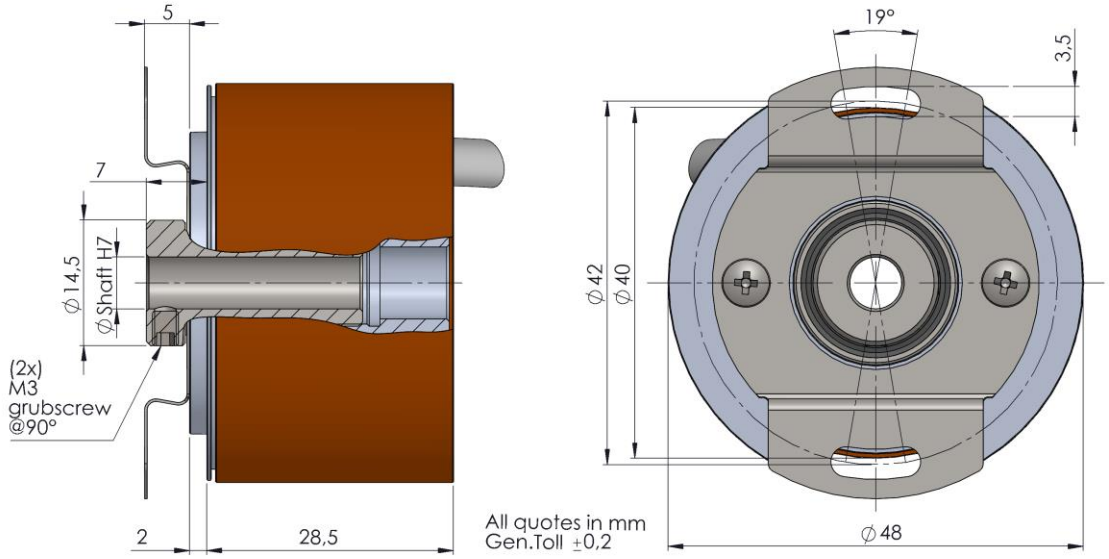
Incremental hollow shaft encoder, Motor feedback



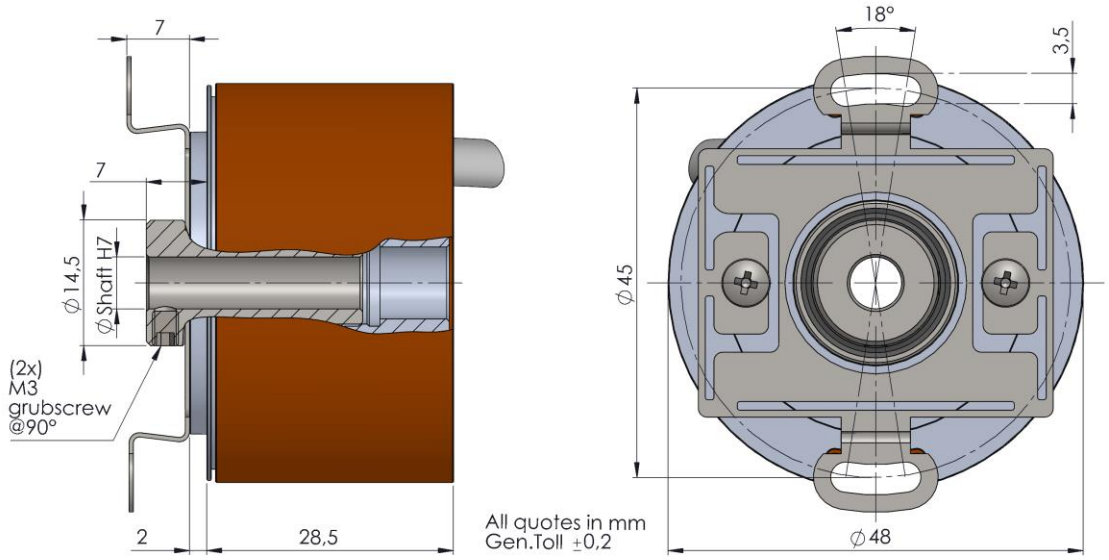
Mechanics Data

Cover :	ABS
Body :	Aluminium
Shaft :	Stainless steel
Bearings :	2 ballraces
Weight :	150gr.
Protection:	IP44
Rpm :	6000 Max
Torque :	3Ncm
Inertia :	40gcm²
Shaft Loading:	Axi 30N - Rad 30N

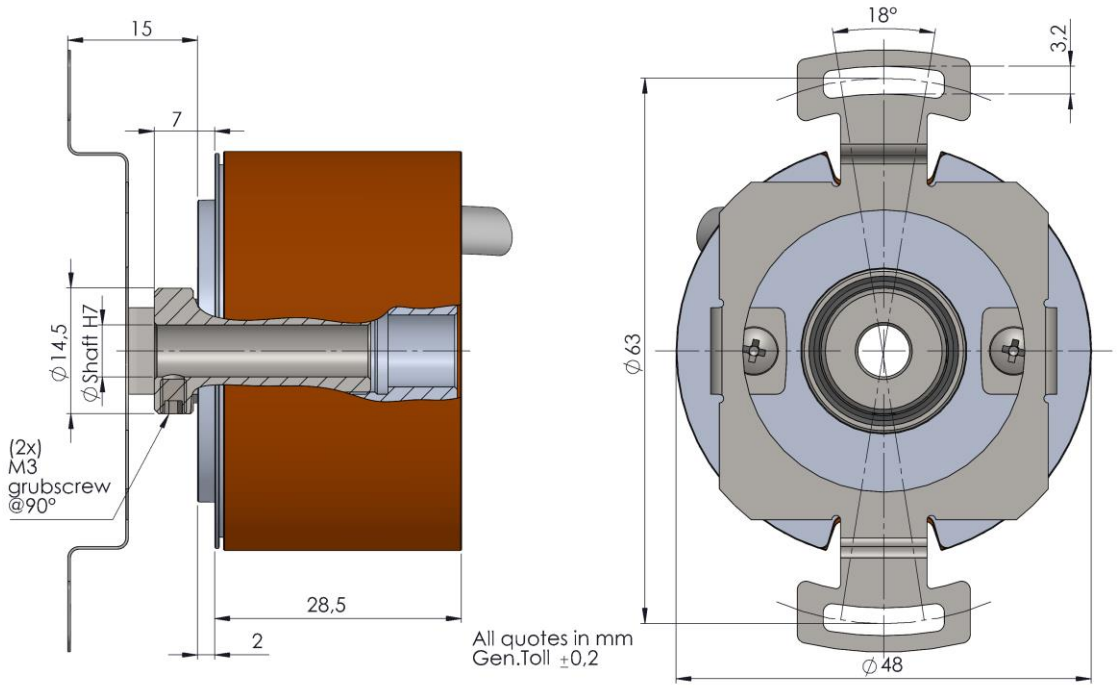
Flange 1



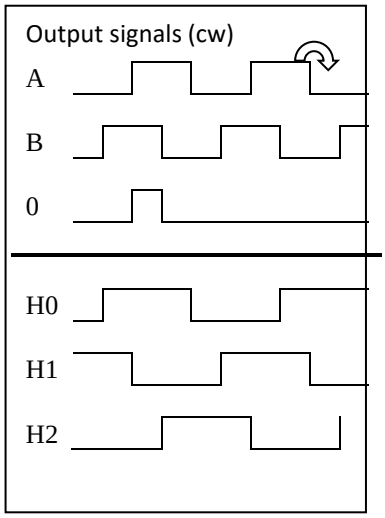
Flange 2



Flange 3



PEH



Electronics Data

Power Supply:	5/28 Volt depends on the electronics circuit
Current consumption:	80mA (160mA with Hall signals)
Load:	20/40mA depends on the electronics circuit
Frequency:	Up to 300KHz
Protections:	Against short circuit, reversal polarity
Operating Temp:	-10/+70°C (-30/+100°C on request)

Ordering code

PEH	*	*	*	*	**	/	****
	Shaft	**Flange**	**Output**	**Connections**	**Option**		**PPR**
	6 = Ø 6mm 8 = Ø 8mm	1 = 2 = 3 = See prev page	2 = AB PP11/28V 3 = AB0 PP11/28V N = AB+$\overline{AB}$ PP11/28V P = AB0+$\overline{AB0}$ PP11/28V 6 = AB0+$\overline{AB0}$ LD5V	**Cable** 3 = Cab Rad	0 = No Hall signals 4 = 4 poles 6 = 6 poles 8 = 8 poles U = Power supply 5/28V for outputs PP*		Max 2048

*** Option U**: outputs levels compatible TTL · Low level output <0.5V · High level output > +VCC-1,9V

Connections

Output 2 , 3	
0V	White
+V	Brown
A	Green
B	Yellow
0	Gray

Output N , P , 6	
0V	Black
+V	Blue
A	Brown
B	Beige
/A	Green
/B	Yellow
0	Pink
/0	Violett
Hall Signals	
H0	Orange
H1	Trasparent
H2	Yellow/Green
/H0	Red/White
/H1	Blue/White
/H2	Yellow/White