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Very compact incremental shaft encoder, light-weight

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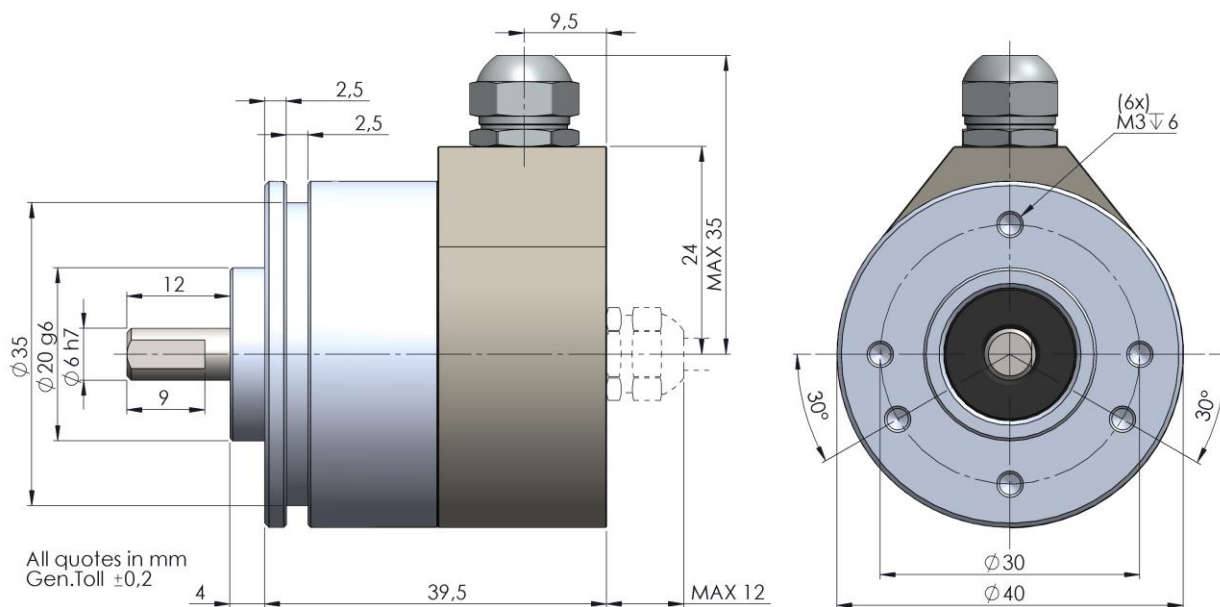


Mechanics Data

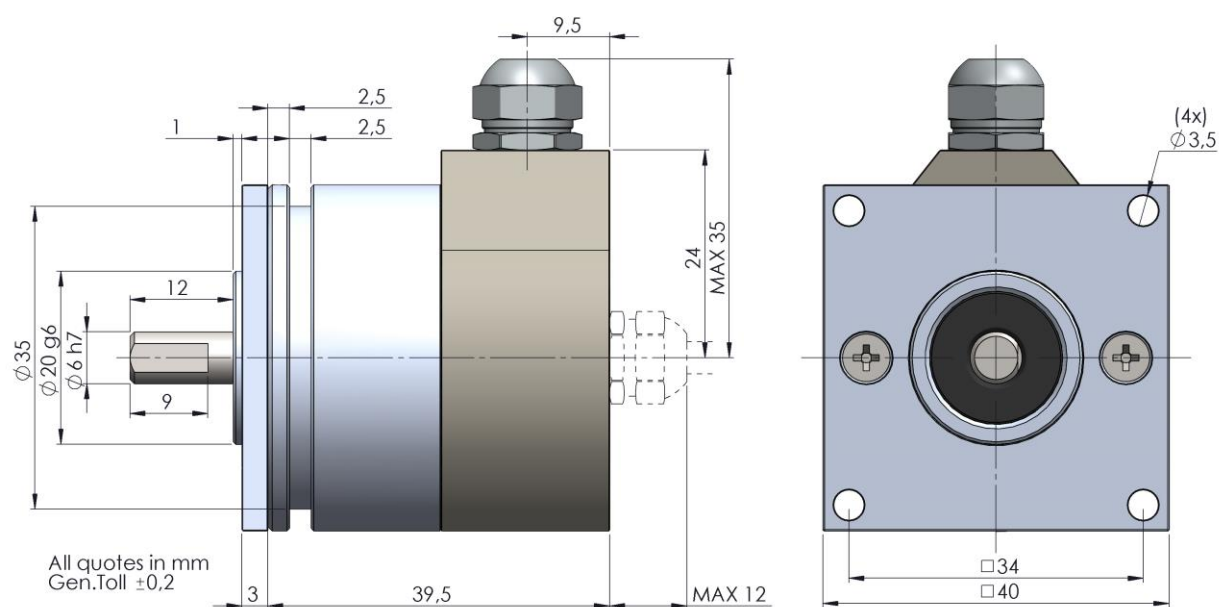
Cover :	ABS
Body :	Aluminium
Shaft :	Stainless steel
Bearings :	2 ballraces
Weight :	150gr.
Protection:	Shaft side and cable output versions (for connector output please ask HohnerA.)
RPM :	6000 Max
Torque:	3Ncm
Inertia	5gcm ²
Shaft Loading:	Axi 30N - Rad 30N (max value)



Flange 28



Flange 24



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Electronics Data

Output signals (cw)



Power Supply:	5/28 Volt	depends on the electronics circuit
Current consumption:	40/80mA	depends on the electronics circuit
Load:	20mA	depends on the electronics circuit
Frequency:	160KHz	
Protections:	Against short circuit, reversal polarity	
Operating Temp:	-20/+70°C	

Ordering code

24	-	24	**	*	/	****
28	-	28	**	*	/	****
			Output	Connections	PPR	
			70 = AB NPN 5/28V (Max 1024 ppr)	Cable 0 = Cable 5P Axi R = Cable 5P Rad 2 = Cable 8P Axi 8 = Cable 8P Rad	Max 5000	
			00 = AB0 NPN 5/28V (Max 1024 ppr)			
			7A = AB Open C. 5/28V (Max 1024 ppr)			
			0A = AB0 Open C. 5/28V (Max 1024 ppr)			
			2B = AB+AB PP 11/28V	DIN 5 p 3 = 9414 Ass		
			1B = AB0+AB0 PP 11/28V			
			60 = AB+AB LD 5V	SUB-D 9p 1 = 9415 Axi. 7 = 9415 Rad		
			80 = AB0+AB0 LD 5V			
			8Z = AB0+AB0 LD 5V (0 gated 180° to A)			
			8W = AB0+AB0 LD 5V (0 gated 90° to AB)	M12 5p J = 94M12 Axi. K = 94M12 Rad.		
			KW = AB0+AB0 LD 11/28V (out 5V) (Max 1024 ppr) (0 gated 90° to AB)			
			E0 = AB+AB LD/PP 5V/28V	M12 8p S = 94M12 Axi. T = 94M12 Rad.		
			F0 = AB0+AB0 LD/PP 5V/28V			
			FZ = AB0+AB0 LD/PP 5V/28V (0 gated 180° to A)			
			FW = AB0+AB0 LD/PP 5V/28V (0 gated 90° to AB)			

Version E0,F0, FZ e FW: outputs level TTL compatible · Low level output $< 0.5V$ · High level output $> +VCC - 1,9V$



	CABLE 2mt 5x014	CABLE 2mt 8x014	DIN 5p 9414	SUB-D 9p 9415	M12 5p 94M125P	M12 8p 94M128p
0V	White	Black	1	1	3	7
+V	Brown	Blue	2	2	1	2
A	Green	Brown	3	3	2	1
B	Yellow	Beige	4	4	4	4
/A		Green		5		3
/B		Yellow		6		5
0	Gray	Pink	5	7	5	6
/0		Violet		8		8