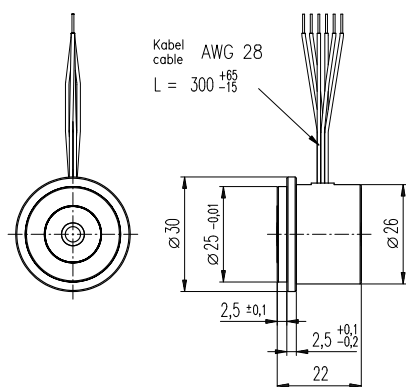
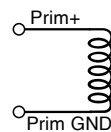


Resolver Res 26 10 Volt

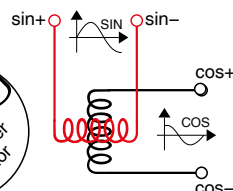
sensor



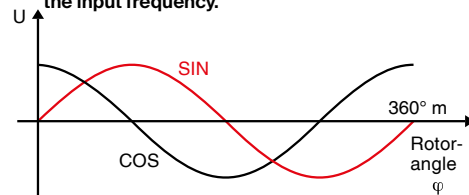
Primary



Secondary



Output voltage as a function of the rotor angle after demodulation of the input frequency.



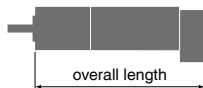
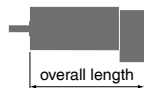
- Stock program
- Standard program
- Special program (on request)

Part Numbers

166488 133405 268912 199287

Type

Shaft diameter (mm)	4	6	6	6
Max. speed (rpm)	10 000	10 000	10 000	10 000



maxon Modular System

+ Motor	Page	+ Gearhead	Page	Overall length [mm] / • see Gearhead
EC 32, 80 W	238			80.1
EC 32, 80 W	238	GP 32, 0.75 - 6.0 Nm	392-399	•
EC 32, 80 W	238	GP 32 S	426-433	•
EC 40, 170 W	239			107.2
EC 40, 170 W	239	GP 42, 3.0 - 15 Nm	405	•
EC 40, 170 W	239	GP 52, 4.0 - 30 Nm	410	•
EC 45, 150 W	240			111.2
EC 45, 150 W	240	GP 42, 3.0 - 15 Nm	405	•
EC 45, 150 W	240	GP 52, 4.0 - 30 Nm	410	•
EC 45, 250 W	241			144.0
EC 45, 250 W	241	GP 42, 3.0 - 15 Nm	405	•
EC 45, 250 W	241	GP 52, 4.0 - 30 Nm	410	•
EC 45, 250 W	241	GP 62, 6.2 - 38.5 Nm	412	•
EC 60, 400 W	242			177.3
EC 60, 400 W	242	GP 81, 15.4 - 92.3 Nm	413	•

Technical Data	Pin Allocation
Input voltage 10 V peak, 10 kHz	
Transmission ratio 0.5	
Electrical error ± 10 minutes	
Rotor inertia 6 gcm ²	
Weight 40 g	
Operating temperature range -55 ... +155°C	
	Prim + EC 32/EC 40 red/white
	Prim GND yellow/white
	cos + red
	sin + yellow
	cos - schwarz
	sin - blue
	EC 45/EC 60 white
	brown
	green
	yellow
	grey
	pink