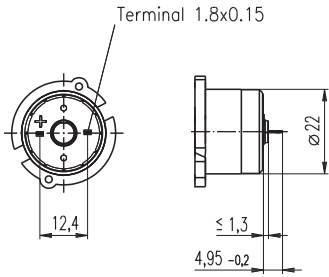


DC Tacho DCT 22 0.52 Volt



Important Information

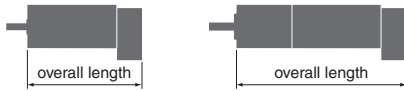
- Tacho with moving coil, maxon system.
- Tacho with precious metal commutation.
- To establish total inertia add motor and tacho inertias.
- With the output shaft turning CW as seen from the mounting surface, the tacho output voltage will be positive at the + terminal.
- A high impedance load is recommended at tacho terminals.
- The tacho current should be kept low.
- The indicated resonance frequency refers to the motor-tacho rotor system.

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

Part Numbers

118909	118910
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Type	3	4
Shaft diameter (mm)		



maxon Modular System

+ Motor	Page	+ Gearhead	Page	Overall length [mm] / ● see Gearhead
RE 25	179/181			76.8
RE 25	179/181	GP 26, 0.75 - 2.0 Nm	336	●
RE 25	179/181	GP 32, 0.75 - 4.5 Nm	338/339	●
RE 25	179/181	GP 32, 0.75 - 6.0 Nm	342	●
RE 25	179/181	GP 32, 1.0 - 4.5 Nm	347	●
RE 25	179/181	GP 32 S	370-372	●
RE 25, 20 W	180			65.3
RE 25, 20 W	180	GP 22, 0.5 Nm	329	●
RE 25, 20 W	180	GP 26, 0.75 - 2.0 Nm	336	●
RE 25, 20 W	180	GP 32, 0.75 - 4.5 Nm	338/339	●
RE 25, 20 W	180	GP 32, 0.75 - 6.0 Nm	342	●
RE 25, 20 W	180	GP 32, 1.0 - 4.5 Nm	347	●
RE 25, 20 W	180	GP 32 S	370-372	●
RE 35, 90 W	184			89.1
RE 35, 90 W	184	GP 32, 0.75 - 6.0 Nm	338-344	●
RE 35, 90 W	184	GP 32, 8 Nm	345	●
RE 35, 90 W	184	GP 42, 3.0 - 15 Nm	349	●
RE 35, 90 W	184	GP 32 S	370-372	●

Technical Data

Output voltage per 1000 rpm	0.52 V	Max. current	10 mA
Terminal resistance tacho	37.7 Ω	Tolerance of the output voltage	± 15 %
Typical peak to peak ripple	≤ 6 %	Rotor inertia (tacho only)	< 3 gcm ²
Ripple frequency per turn	14	Resonance frequency with motors on p. 179-181	> 2 kHz
Linear voltage tolerance, 500 to 5000 rpm	± 0.2 %	with motors on p. 184	> 4.5 kHz
Linear voltage tolerance with 10 kΩ load resistance	± 0.7 %	Temperature range	-20 ... +65 °C
Polarity error	± 0.1 %		
Temperature coefficient of EMF (magnet)	-0.02 % /°C	Option: Pigtails in place of solder terminals.	
Temperature coefficient of coil resistance	+0.4 % /°C		

Connection example

