

## DA 22-06-2603

<b>Supply Voltage</b>	
Operating voltage	6-7,2 V.
Signal voltage	TTL level
Current consumption	at 6 Volt
Stand by *	< 10 mA
Stall current *	8000 mA
<b>Input pulse</b>	
Frame rate	2,6-2000 ms
Valid pulse lengths	1,0 – 2,0 ms
Left / Center / Right	1,0 ms / 1,5 ms / 2,0 ms
Resolution	< 0,5 µsec.
<b>Operating data at 6 Volts</b>	
Peak stall torque *	> 350 Ncm
No load speed *	520° / sec.
Max. travel angle (standard)	+/- 85° = 170° total travel
Max. travel angle (optional)	+/- 165° = 330° total travel
Deadband (mechanical)	< 0,5°
Deadband (electrical)	< 0,5 µsec.
Position error under temperature:	< 0,3 -20° C. to +50° C. (= Delta 70° C.)
Operating temperature	-30° C. - +70° C.
Max. storage temperature	-35° C. - +80° C.
<b>Material / Shielding / Protection</b>	
Case	Saltwater corrosion resistant aluminium alloy
Splash water resistance	Standard
Salt water resistance	Standard
EMI / RFI shielding	Standard
Gear set	hardened steel, english silver, brass
Gear protection system	Standard: ISS-System
<b>Dimensions / Weight</b>	
Case dimensions / Weight	41,5 x 50,4 x 22,0 mm / 105 g ± 0,2 mm / ± 5%
Item Number #	# 22-06-2603

The actuator is fully programmable using programming tool # 985

\* tolerance ± 10 %

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