

DATA SHEET for 6 Nm TURN ACTUATOR "D 1"

Rated torque:	6 Nm
Positioning time:	90° in 64 s resp. 120° in 85 s
Positioning angle:	90° or 120° (without additional equipment approx. 180° possible) – different positioning angle on request –
Permissible ambient temperature:	–20 °C up to +60 °C
Mounting position:	any, except with the actuator hanging downwards
Degree of protection (DIN 40050):	IP 54
Mounting:	tap holes 4 x M5, screw-in depth max. 14 mm
Output shaft:	square size of jaw 9, shaft length 40 mm off housing
Mechanical position indicator:	above scale plate
Power supply:	1~50/60 Hz/230 V; (1~50/60 Hz/24 V, 1~50/60 Hz/110 V require additional price) – different voltage on request –
Electric connection:	via internal terminal strip via 2 compression glands M16 x 1.5
Operating mode (VDE 0530 part 1):	S4 – 30% c.d.f. – 1200 c/h
End switching:	2 travel dependent signal switches "WE", max. 250 V AC for ohmic load, max. 10 A for inductive load, max. 10 A for signal lights, max. 1.5 A

Operating voltage/frequency:	1-phase AC 50/60 Hz						
Rated voltage:	V/Hz	24/50	24/60	110/50	110/60	230/50	230/60
Rated current:	mA	130	128	11.5	12.7	21.3	23.5
Power consumption:	W	3.4	3.4	1.5	1.6	4.2	4.8
Power output:	W	0.42	0.5	0.42	0.5	0.42	0.5
Rotation speed:	rpm	250	300	250	300	250	300
– different voltage or frequency on request –							

Additional equipment:	1 (max. 2) travel dependent signal switches "WE", max. 250 V AC (not retrofittable) for ohmic load, max. 10 A for inductive load, max. 10 A for signal lights, max. 1.5 A
Signalling unit:	1 (max. 2, with 2 switches) potentiometers 100 Ω, 200 Ω, 500 Ω, 1 k-Ω, 2 k-Ω, 5 k-Ω or 10 k-Ω. – further ohmic values on request– max. 1.5 W, wiper current max. 30 mA output positioning angle 90° or 120°
	resp. 1 potentiometer 5 k-Ω fail-safe for coupled control (not retrofittable) max. 0.5 W, wiper current max. 0.1 μA