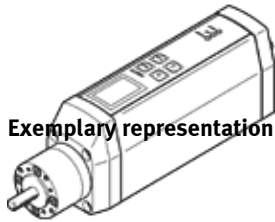


motor unit MTR-DCI-42

Part number: 533742
Product to be discontinued



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Controller operating mode	PWM-MOSFET power output stage
Type of gear unit	Planetary gear unit
Rotor position sensor	Incremental encoder
Rotary position encoder measuring principle	Optical
Protective function	I ² t monitoring Temperature monitoring Current monitoring Voltage failure detection Drag error monitoring Software end-position detection
Temperature monitoring	Silicon absolute temperature sensor Shutdown at over-temperature
Max. speed	3,000 1/min
Nominal rotary speed	3,000 1/min
Insulation protection class	F
Nominal motor power	48 W
Nominal voltage DC	24 V
Nominal motor current	2 A
Parameters configuring interface	RS232 (9600 Baud)
Peak current	3.8 A
Permissible voltage fluctuation	+/- 10 %
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	0 - No corrosion stress
Storage temperature	-25 ... 60 °C
Relative air humidity	0 - 95 % non-condensing
Protection class	IP54
Ambient temperature	0 ... 50 °C
Authorisation	C-Tick
Mounting type	Optional Threaded Clamped
Materials note	Contains PWIS substances