ELECTRONIC SCREWDRIVERS

With transducer- Twin control of feed torque and detected

Data sheet

ACE-100-20 SCC



1. Engine
2. Transducer
3. Flange
4. Shaft with compensator
5. Main power switch
6. Touchscreen Control Panel
7. Control lights

Description

Screwdrivers with a built-in transducer have a screw driving torque precision of +/- 1% of the scale range (e.g. a 80 Nm screwdriver has a precision of +/- 0.8 Nm); torque precision is independent of the maximum torque requested.
The repeatability precision when screw driving rigid fastenings is 1% for the transducer version and 3% for the versions without transducer. To obtain the best results the screw driving units should be secured using suitable clamping systems.
The ACE screw driving units have a single screw driving spindle and a controller unit for each spindle.
- Semi-graphics LCD display with 4 lines of 20 characters each line. Built-in membrane keyboard. Up to 5 screw driving programs of 5 steps each can be set, stored and called up from the keyboard.
Each program step can be programmed by the user as required with the following values:
i. Speed / Direction of rotation
ii. Torque or Angle to be reached
iii. Time limit or degree limit range within which the set torque/angle must be reached.
- Up to 1024 screw driving operations can be stored to memory.
- Torque curve of the last screw driving (resolution 0.01 seconds) can be stored to memory.
- RS-232 C connection to PC for reading screw driving data on-line - RS-232 C connection to PC for transferring memory data.

Technical specification

Model	ACE-100-20 SCC
Code	8306802
No-load speed - rpm	200
Torque - Nm	2,5 - 20
- dB(A)	62
Weight - Kg	1,5
Length - mm	420
Stroke - mm	25