



# KOLVER



# FAB SERIES

## FAB SERIES (TORQUE UP TO 1,8 NM)

FAB series electric screwdrivers are our "best sellers" for the electronic industry. Their advanced ergonomic design, ease of use, high accuracy and durability have made these drivers the standard by which all others are measured. They are lightweight, compact, powerful and come standard with ESD-safe housing certified to SP method 2472 (Ericsson approved). The FAB screwdrivers are available in an inline body style with either a lever start or push to start or in a pistol grip with a trigger start (also available with the cord coming out from the top - U option) and different speeds, for different assembly requirements.

The torque is set externally: an adjusting nut controls output torque by changing the clutch spring compression. A reference scale will indicate the torque setting. The low voltage 30 V DC rare earth motors combine high performances and long life. Replacing their carbon brushes once a year is all you need for maintenance.

The motor works in combination with a control unit. The electronic control circuit cuts the power supply to the motor in response to the clutch action, as soon as the pre-set torque has been reached. Standard features are the slow start (ramp from 0 to 2 seconds) and adjustable speed (from 60% to 100% of nominal speed).

In addition the controller can be supplied with torque reached signal, lever signal, remote start and reverse (see page of control units) or with PLC option.

All FAB drivers come standard with an ESD-safe body, 2.5 m connection cable and suspension bail.

The new heavy duty cables and connectors, developed for robotic applications, are made of antistatic dissipative material for a safe use in EPA environment.



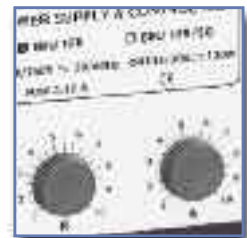
TORQUE SET UP



PISTOL MODEL



ANGLE HEAD  
CODE 010142 (ONLY  
FOR LEVER TYPE)



SOFT START AND  
SPEED REGULATION

Code	Model	Torque Nm	Screw size	RPM max	Start option	Weight kg	L x Ø mm	Voltage cc	Controller	Housing option
110003/FR	FAB03SS/FR	0,05÷0,3	M2.5	650	Lever	0,45	226x36	30 Vcc	EDUIFR	
110010/FR	FAB10RE/FR	0,05÷0,8	M2.5	1000	Lever	0,48	226x36	30 Vcc	EDUIFR	
110012/FR	FAB12RE/FR	0,2÷1,2	M3	1000	Lever	0,48	226x36	30 Vcc	EDUIFR	
112012/FR	FAB12PS/FR	0,2÷1,2	M3	1000	Push start	0,48	226x36	30 Vcc	EDUIFR	
110013/FR	FAB12PP/FR	0,2÷1,2	M3	1000	Lever	0,55	200x150x34	30 Vcc	EDUIFR	Pistol grip
110013/FR/U	FAB12PP/FR/U	0,2÷1,2	M3	1000	Lever	0,55	200x150x34	30 Vcc	EDUIFR	Pistol grip with top connector
110618/FR	FAB18RE/FR	0,3÷1,8	M4	650	Lever	0,48	226x36	30 Vcc	EDUIFR	
112618/FR	FAB18PS/FR	0,3÷1,8	M4	650	Push start	0,48	226x36	30 Vcc	EDUIFR	
110619/FR	FAB18PP/FR	0,3÷1,8	M4	650	Lever	0,55	200x150	30 Vcc	EDUIFR	Pistol grip
110619/FR/U	FAB18PP/FR/U	0,3÷1,8	M4	650	Lever	0,55	200x150	30 Vcc	EDUIFR	Pistol grip with top connector