



KOLVER

ELECTRIC SCREWDRIVERS WITH TORQUE AND ANGLE CONTROL



PLUTO../TA



EDU2AE/TOP/TA

Industrial tightening may require different control strategies and solutions. The most common cases are: torque control with angle monitoring and angle control with torque monitoring.

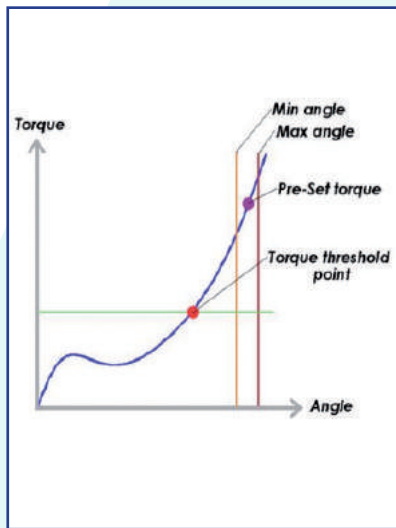
Kolver Multi-Torque Torque&Angle controller can manage all such strategies, with up to 8 individual P-sets.

The Torque/Angle Control

The main parameters to be controlled are the tightening torque applied to the screw and the rotation angle of the screw, with priority to the torque value. If the torque and angle values found by the system are within the programmed settings, the motor stops automatically and the indication of OK cycle (green led turned on) is given, otherwise an error (red led) is generated.

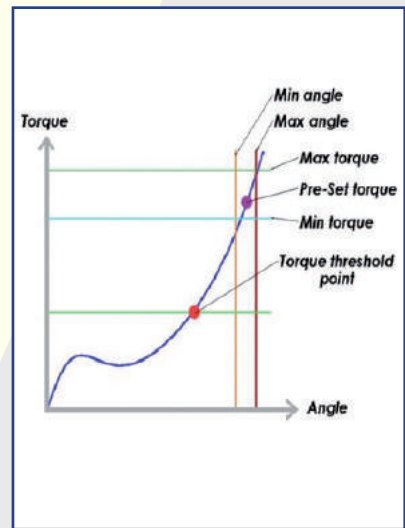
The Angle Control

The main parameter to be controlled is the rotation angle of the screw. The motor stops automatically when the pre-set angle value has been reached and an indication of OK cycle (green led turned on) is given.



Main features:

- Easy to program user interface screens
- Password protected
- Torque value in Nm or In/lbs
- Angle value in degrees
- 8 independent programs including the options:
 - Min/Max torque value
 - Min/Max angle value
 - Rundown speed
 - Slow start/Soft stop
 - Hard/soft joint
 - Min/Max rundown time
 - Prevailing torque (threadcutting)
 - Auto reverse if required
- 6 torque & angle strategies:
 - Torque priority: angle count from torque threshold (T) or from remote input (T/I) or from lever input (T/L).
 - Angle priority: driver stops when angle is reached from threshold torque (A) or from remote input (A/I) or from lever (A/L).



Code	Model	Torque Nm SOFT	Torque Nm HARD	RPM min	RPM max	To be used with
130206/TA	PLUTO6D/TA	0,5-6,0	0,5-8,0	200	920	EDU2AE/TOP/TA
130207/TA	PLUTO6P/TA	0,5-6,0	0,5-8,0	200	920	EDU2AE/TOP/TA
130211/TA	PLUTO10D/TA	2,0-8,0	1,5-10,0	110	600	EDU2AE/TOP/TA
133211/TA	PLUTO10CA/TA	2,0-8,0	1,5-10,0	110	600	EDU2AE/TOP/TA
130210/TA	PLUTO10P/TA	2,0-8,0	1,5-10,0	110	600	EDU2AE/TOP/TA
130216/TA	PLUTO15D/TA	2,0-15,0	2,0-15,0	60	320	EDU2AE/TOP/TA
130215/TA	PLUTO15P/TA	2,0-15,0	2,0-15,0	60	320	EDU2AE/TOP/TA
133216/TA	PLUTO15CA/TA	2,0-15,0	2,0-15,0	60	320	EDU2AE/TOP/TA
133221/SR/TA	PLUTO20CA/SR/TA	2,0-18,0	2,0-20,0	40	210	EDU2AE/TOP/TA
133236/SR/TA	PLUTO35CA/SR/TA	2,0-35,0	2,0-35,0	40	140	EDU2AE/TOP/TA
031000/TOP/TA	EDU2AE/TOP/TA					Any PLUTO../TA

WARNING: Continuous use over 80% of torque range is not recommended.

T&A TORQUE AND ANGLE

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