



GX Series

30 Volts • Auto-shut off • XS-40D (FA) Controller



0,02 to 1,2 NM



VACCU System (Optional)

- Higher productivity : thanks to high Brushless motor efficiency !
- Higher comfort : thanks to improved ergonomoy and reduced sound level and heat !
- Increased economy : thanks to brushless motor (triple the life time of the motor).
- Reduced maintenance : the best Mean Time Between Failure (MTBF) ever reached until now (no carbon brush, trigger and reverse contactless switches, over-heat and over-current built in alarms protecting the screwdrivers).
- Increased production quality : thanks to ESD protection, accurate clutch and Softstop clutch Mechanism.
- Noise level : <70 dBA, vibration level : <2,5 m/s²

Micro Torque GX Series *(features SOFT STOP clutch and Digital speed setting)*

Model	Torque Range (Nm)	Speed rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GX 035 ESD	0,02 - 0,34	300 to 1100	Lever	Half moon/shank drive 4mm	0,24	4-1040077
GX 045 ESD	0,04 - 0,45	300 to 700	Lever	Half moon/shank drive 4mm	0,24	4-1040078

Suitable controller : XS-40D - To be ordered seprately - See page 17

STANDARD Series : GX with digital speed and soft start

Model	Torque Range (Nm)	Speed rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GX 80 ESD V2	0,09 - 0,8	450 to 1000	Lever	Hex 1/4"	0,43	4-1021025
GX 120 ESD V2	0,2 - 1,2	300 to 700	Lever	Hex 1/4"	0,43	4-1021026
GX 80 P ESD V2	0,09 - 0,8	450 to 1000	Push to start	Hex 1/4"	0,43	4-1021027
GX 120 P ESD V2	0,2 - 1,2	300 to 700	Push to start	Hex 1/4"	0,43	4-1021028

Suitable controller : XS-40D - To be ordered seprately - See page 17

SOFT STOP Series : GXS *(built-in special clutch mechanism providing soft shut-off to protect fragile parts)*

Model	Torque Range (Nm)	Speed rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GXS 80 ESD V2	0,09 - 0,8	450 to 1000	Lever	Hex 1/4"	0,43	4-1021020
GXS 120 ESD V2	0,2 - 1,2	300 to 700	Lever	Hex 1/4"	0,43	4-1021021

Suitable controller : XS-40D - To be ordered seprately - See page 17

TIMER & AUTOREVERSE Series : GXT *(fasten at preset angle/time, Automatic Reverse/forward, stop sequence - ideal for tapping operation, helicoil fastening, pre-assembly...)*

Model	Torque Range (Nm)	Speed rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GXT 80 ESD V2	0,09 - 0,8	450 to 1000	Lever	Hex 1/4"	0,43	4-1021036
GXT 120 ESD V2	0,2 - 1,2	300 to 700	Lever	Hex 1/4"	0,43	4-1021037

Suitable controller : XS-40D - To be ordered seprately - See page 17

FIXTURED SPINDLES Series : GXA *(for automation choose XS-40D FA controller - Code 4-1040080)*

Model	Torque Range (Nm)	Speed rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GXA 035 V2	0,03 - 0,35	300 to 1100	Remote	Half moon/shank drive 4mm	0,45	4-1040079
GXA 045 V2	0,04 - 0,45	300 to 700	Remote	Half moon/shank drive 4mm	0,45	4-1040076
GXA 080 V2	0,1 - 0,8	450 to 1000	Remote	Hex 1/4"	0,45	4-1040074
GXA 120 V2	0,2 - 1,2	300 to 700	Remote	Hex 1/4"	0,45	4-1040075

* The whole models of this series are delivered with one tool cable (3m) + sample powerbits.



Accessories

For GX/GX-G/GX-H Series

Screw vacuum pick up



For GX/GXA	For SD/SDA	Vacuum system
GX30 Volts V2 with torque ring access 4-1084103 GX30 Volts V2 without torque ring access 4-1084104 GX150/220 ESD-G40 Volts 4-1084100 GX450 ESD-G40 Volts 4-1084101 GXA ESD-G40 Volts 4-1084102 GXA ESD-G30 Volts 4-1000039 GX Micro 4-1052501 GX 150/220-H 4-1027496 GX 450-H 4-1027497 GXA-H 4-1027498 Vacuum pick up are delivered without the sleeve gun (on request).	SD18N/28N + SDA600/1000/18N/28N 4-1052502 SDA120/200/300 4-1052503 SD05N/09N + SDA05N/09N4- 1052504 SD600/1500 4-1052505 SD1000 4-1052506 SD120/200/300 4-1052507	Vacuum pump DLP2570 4-3004101 

Accessories

			
Designation	Torque ring cover*		Square 1/4"
Code	4-1041213 GX 30 Volts 4-1041205 GX 40 Volts 4-1078800 GX-G 40 Volts 4-1027495 GX-H 40 Volts 4-1090021 GX035-045 4-1000233 GX...BT, GY, PGY, GX...BT-G, GY-G, PGY-G 4-1077500 for GX...FS	Spiral cable 3,5 m 4-1010413 Standard cable 3,0 m 4-1041225 Standard cable 5,0 m 4-1044703 Reinforced cable 3,0 m 4-1090010	Angle head kit for GX30 Volts 4-1000226 (except Micro GX) Angle head kit for GX150/220 ESD-G 40 Volts 4-1000302 Angle head kit for GX450 ESD-G 40 Volts 4-1000229 Angle head kit for GX40 Volts 4-1090020 Angle head kit for GX150/220-H 4-1000018 Angle head kit for GX450-H 4-1000088 E 6,3 Hex. female 1/4" drive (quick release) Angle head kit for GY-G 4-1033300 Angle head kit for GX_BT 4-1033301 C 6,3 Hex. female 1/4" drive Angle head kit for GX30 Volts 4-1000247 (except Micro GX) Angle head kit for GX40 Volts 4-1000249 Angle head kit for GX150/220 ESD-G 40 Volts 4-1000254 Angle head kit for GX450 ESD-G 40 Volts 4-1000255 Angle head kit for GX150/220-H 4-1000041 Angle head kit for GX450-H 4-1000113 Mounting of Angle head 4-1000257
Designation	Programming Lock key**	Programming Lock key firmware upgrade**	
Code	4-1044850	4-1000222	

*Not suitable with vacuum pickup.

** Available only for standard series GX 30 & 40 Volts - To be ordered together.

Model	Designation	Code
		
		
		
	For mounting on reaction arm from the top	4-1045804 for GX 30 Volts* 4-1045801 for GX/GX-G/GX-H 40 Volts 4-1045803 for GX...BT 4-1045800 for GY/HD 35 Volts 4-1045802 for HD 40 Volts 4-1045805 for GX...FS
	For mounting on reaction arm from below	4-1041501 for GX 30 Volts*

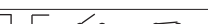
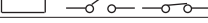
PLC Interface

* Except GX Micro


PLC interface U-3B
Code 4-1041520

- Model U-3B
- Weight : 75g
- Size : 75(W) x 61(D) x 20(H)mm
- Type of signals :
 - open collector by optocoupler (reversed)
 - relay contact N.C
 - Relay contact N.O

Converted signals by U-3B converter from XS-40D

N°	Wire Color	Signal	XS-40D	Interface converter
1	ORANGE	Spare		
2	ORANGE STRIPE	Torque Up		
3	BLUE	Motor Run		
4	BLUE STRIPE	Common for 2&3 wire		
5	GREEN			
6	GREEN STRIPE	Driver Lock		
7	BROWN	No use		
8	BROWN STRIPE	Spare		

Controllers

SMPS Technology Inside!



XS-40D

- High productivity : Thanks to the unique SMPS technology (switching modulation), the connected screwdriver always delivers constant rotation speed and fastening force even for demanding fastening process (self-tapping tightening, soft joint....).
- Comfort : Light and compact.
- Durability : Built-in Over heat and Over Current protection prevent the screwdriver from damage or bad use.
- Economy : Maintenance free.
- Quality : Easy monitoring of your fastenings thanks to torque reached signal output, start and stop signal outputs, selectable softstart, Screwdriver lock signal input for PLC (prevents screwdrivers activation until PLC input signal).

Model	Power (AC) (V)	Output voltage low (V)	Output voltage high (V)	Rated output (A)	Weight (Kg)	Size (mm)	For screwdrivers 30 and 40 Volts	Code
XS-40D	220	30	40	3	0,86	90x150x55	GX, GX-G, GX...FS/GX-H Series	4-1040065
XS-40D FA	220	30	40	3	0,86	90x150x55	GXA, GXA-G GXA-H Series	4-1040080

SMPS Technology Inside!



XS-38D

XT-30D

- High productivity : Thanks to the unique **SMPS technology** (switching modulation), the connected screwdriver always delivers constant rotation speed and fastening force even for demanding fastening process (self-tapping tightening, soft joint....)
- Comfort : Light weight and compact
- Durability : Built-in Over heat and Over Current protection prevent the screwdriver from damage or bad use
- Economy : Maintenance free
- Quality : Easy monitoring of your fastenings thanks to torque reached signal output, start and stop signal outputs, selectable softstart, Double-hit mode for soft joint, Screwdriver lock signal input for PLC (prevents screwdrivers activation until PLC input signal).

Model	Power (AC) (V)	Output voltage low (V)	Output voltage high (V)	Rated output (A)	Max. output (A)	Weight (Kg)	Size (mm)	For screwdrivers	Code
XT-30D-V2	220	20	30	1,2	2	0,33	70x130x40	GA Series	4-1099550
XS-38D V4.3*	220	30 20	38 30	2,5	5	0,7	90x150x55	DO Series GA Series	4-1040063