4 键 4 显说明书(分体)

The Instructions of 4 Keys 4 Displays (Separate Control)



第一键： 为上、下定针键：U.为上定针，D.为下定针；无定针时不显示；

The first key: refers to needle stop up and low position; U refers to needle stop up position, D refers to needle stop low position; no display when no needle stop position.

第二键： 为正反转设定键：E 为正转，P 为反转(默认 E 为正转)

The second key: is the setting key of positive or negative turn direction; E is for positive rotation, P is for negative rotation. (Default is E positive rotation.)

第三键： 电机转速设定范围：200 转~4500 转（默认 3400 转）

The third key: setting range of motor speed: 200 ~ 4000 rotations. (Default 3400 rotations)

第一部分：按住 “SET”键 2 秒后出现 S. 0 松开，

再按一下“+”键得到 S. 1、S. 2、S. 3 到 S. A 选中对应功能后，然后再按

“SET”键进去选择对应值，此时“+”键是加选择，“SET”键是减选择

Part 1: Press SET for 2 seconds and do not release until display S.0, then press + to get S.1, S.2, S.3, select corresponding function from S.A, and press SET to select corresponding value.

Use + to increase and SET to decrease.

S.1 为电机启动速度 L.0—L.9 渐慢（默认 L.6）

S.1 refers to decrease the motor starting speed” L.0 ~ L. 9 (Default value is L.6)

S.2 为备用 S.2 is for spare. S.3 为备用 S.3 is for spare.

S.4 为备用 S.4 is for spare. S.5 为备用 S.5 is for spare.

S.6 为电机启动方式设定: 慢速 L、匀速 P、快速启动 H;（默认匀速 P） S.L/S.P/S.H

S.6 is to set up the motor starting mode: low speed is L, constant speed is P, quick start is H; (default constant speed is P) S.L/S.P/S.H

S.7 为定针方式设定（d.n 无定针，d.d 双霍尔定针---带反踩功能，d.s 单霍尔定针---带反踩功能，n.d 双霍尔定针---无反踩功能，n.s 单霍尔定针---无反踩功能）（默认 d.n 无定针） **d.n/d.d/d.s/n.d/n.s**

S.7 is to set up the needle stop method (d.n is no needle stop, d.d is double Hall needle stop --- with the function of backpedal, d.s is single Hall needle stop --- with the function of backpedal, n.d is double Hall needle stop --- without the function of backpedal, n.s is single Hall needle stop --- without the function of backpedal) (Default is d.n no needle stop) **d.n/d.d/d.s/n.d/n.s**

非会员水印

S.8 为刹车强度调节（F.E 弱刹车，F.n 普通，F.Y 增强） （默认 F.n 普通）[F.E 弱刹车用于其他类产品]

S.8 is to adjust the brake strength (F.E is weak brake, F.n is normal, F.Y is strengthen) (Default is F.n normal) [F.E weak brake is used for other products.]

S.9 为备用

S.9 is for spare.

S.A 为恢复出厂值设定:(K.F 空，*b.F 直驱*，P.F 分体)使用时，先选K.F 后，然后再进P.F 即可恢复

S.A is to restore factory values: (K.F is empty, b.F is direct drive, P.F is separate control). Select K.F in first, then select P.F to restore.

第二部分：按住键“SET”键不放，同时按一次上键“+”键界面出现 C.0 后，然后再按“+”键进去选择对应值，此时“+”键是加选择，“SET”键是减选择

The second part: Press SET and hold, at the same time, press + to display C.0, then press + again to select the corresponding value. At that time, + is to increase, SET is to decrease.

C.1 为 45，55，65（默认 45 代表 4500r/min），55 与 65 主要用于直驱电机使用

C.1 is 45，55，65 (Default 45 refers to 4500r/min)， 55 and 65 are used for direct dive motor.

C.2 为 0 为解锁状态，1 为加锁状态。（默认 0 为解锁状态）（加锁后面板上即不能操作，解锁是长按“SET”键 15 秒后进入 C.2 设为 0 后才能进行其他操作，此功能主要是为了防止生产线工人随意进入不规范操作。

When C.2 is 0, it refers to unlocked. When it is 1, it refers to locked. (Default is 0 unlocked) (The panel can’t be operated once locked. Long press SET for 15 seconds to enter and set C.2 with 0 to unlock. This function is mainly to prevent the production workers from entering the irregular operation.

C.3 为电机极对数（磁钢片数/2）设定（2、3、4）（默认 3 对极） **2p/3p/4p**

C.3 is to set up the pole logarithm of the motor (the quantity of magnetic steel sheets / 2) : 2, 3, 4 (Default 3 pairs of poles) **2p/3p/4p**

C.4 为备用

C.4 is for spare.

备注: 1、在定针期间反踩一次反向定针（拉杆行程是 1.68v—4.25v，反踩为 0.86v,拉杆静态时为 1.20~1.29V）

2、为刹车强度调节（F.E 弱刹车，F.n 普通，F.Y 增强）在恢复时不动作，仍为原来参数；

Notes: 1. If backpedal while stopping needle, the needle will stop reversely. (Rod stroke is 1.68v~4.25v; backpedal is 0.86v, pull rod at static status is 1.2v~1.29v).

2. To adjust the brake strength (F.E weak brake, F.n normal, F.Y strengthen). If there is no operation during restore, it will be the original parameters.