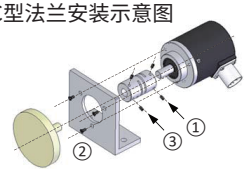
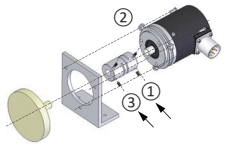
轴型编码器安装：

A型/C型法兰安装示意图



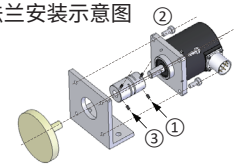
①将联轴器安装到编码器
②将编码器安装到支架
③将联轴器套装于被测轴上

B型法兰安装示意图



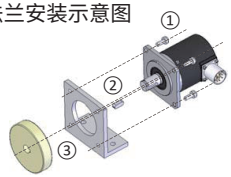
①将联轴器安装到编码器
②将编码器通过偏心器安装到支架上
③将联轴器套装于被测轴上

D型法兰安装示意图



①将联轴器安装到编码器
②将编码器安装到支架上
③将联轴器套装于被测轴上

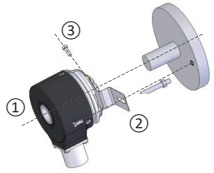
M型法兰安装示意图



①将编码器安装到支架上
②将键装入键槽
③将编码器安装到电机上

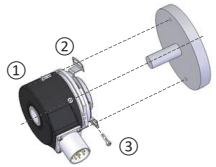
轴套型编码器安装：

单翼弹簧片安装示意图



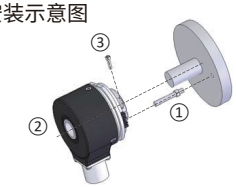
①将编码器套装于电机上
②固定弹簧片
③紧固编码器锁圈螺丝
注:产品安装要以弹簧片本身不发生任何形变为标准

双翼弹簧片安装示意图



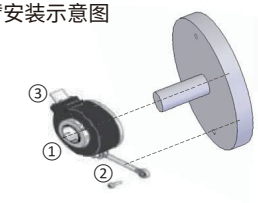
①将编码器套装于电机上
②固定弹簧片
③紧固编码器锁圈螺丝
注:产品安装要以弹簧片本身不发生任何形变为标准

挡销安装示意图



①将挡销安装于电机或者支架上
②将编码器通过挡销套装于被测轴上，确保挡销尾端面与支撑槽底有0.8 mm的余量
③紧固编码器锁圈螺丝

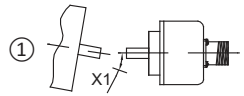
拐臂安装示意图



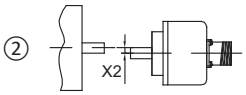
①将编码器套装于被测轴上
②固定万向扭矩臂
③紧固编码器锁圈螺丝
注:产品正确安装时拐臂不能与编码器外壳接触

Profibus 绝对值编码器EAC58(EAM58)-DP

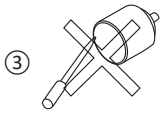
安装注意事项：



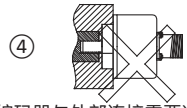
编码器与被测物体轴之间的角度偏差X1＜1.5°。



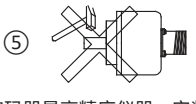
编码器与驱动输出轴之间的径向偏差X2＜0.1 mm。



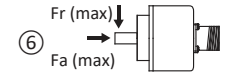
禁止局部或部分拆卸或改装编码器。



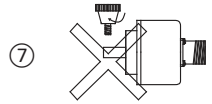
编码器与外部连接需要避免刚性连接。



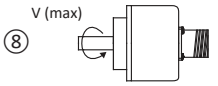
编码器是高精度仪器，安装时严禁敲击和磕碰，安装或使用不当会影响编码器的性能和寿命。



安装时注意编码器允许的轴向/径向最大负载，严禁超过最大值。



禁止对编码器轴进行打磨、切割、钻孔等任何加工处理。



注意不要超过编码器的极限转速，否则可能出现信号丢失。

电气参数：

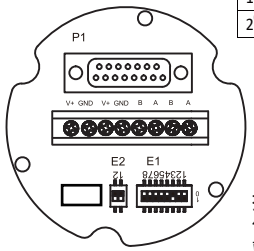
接口协议	Profibus-DP
供电电压	10 ... 30 V DC

端子配置：

V+	电源供电	1
GND	供电地 0V	3
B (IN)	Profibus-DP入线（红）	4
A (IN)	Profibus-DP入线（绿）	2
B (OUT)	Profibus-DP出线（红）	4
A (OUT)	Profibus-DP出线（绿）	2

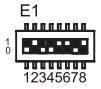
端子配置-M12接插件：

总线入端子 Bus in　电源端子　总线出端子 Bus out



接线端子示意图

1	2	3	4	5	6	7	8
2^0	2^1	2^2	2^3	2^4	2^5	2^6	-



E1:地址设定用
DIP1-DIP7:编码器地址设定开关,采用二进制运算,示意默认地址为4
DIP8:CW(顺时针)与CCW(逆时针)方向改变钮,即计数方向改变。
E2:终端触点 DIP1-DIP2默认为ON,同时为ON,终端阻值为220 Ω,仅用于终端编码器设置,其余位置设置均为OFF。
例:图示为DIP1-DIP7,1011001=77,同时DIP8为ON,计数方向改变

接线盒的使用

使用接线盒时，必须拧下后部端盖上的四个螺丝，将后部端盖从编码器主体上移走。根据接线端子上的指示文字接线。

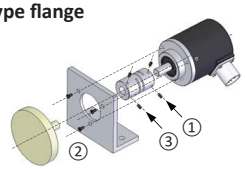
注意：要在Profibus-DP主站中设置参数和配置从站，必须使用编码器相应的gsd设备文件。

E22125752A/0

我们保留在不事先通知的情况下进行技术更改的权利。 |EN & CN| 创建日期: 15.09.25 | UM_E_EAC58(EAM58)-DP_V1.0_EN&CN

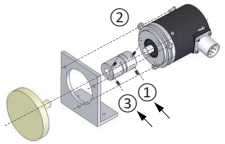
ENCODER INSTALLATION

A/C type flange



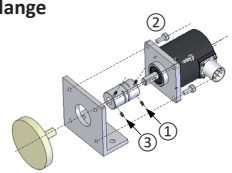
①Install coupling onto the encoder
②Install encoder onto the stend
③Install the coupling onto the motor shaft

B type flange



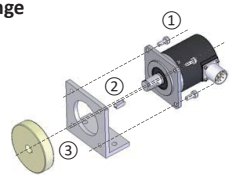
①Install coupling onto the encoder
②Install encoder onto the stend via eccentralizer
③Install the coupling onto the motor shaft

D type flange



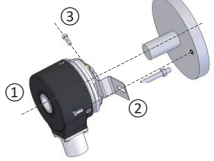
①Install coupling onto the encoder
②Install encoder onto the stend
③Install the coupling onto the motor shaft

M type flange



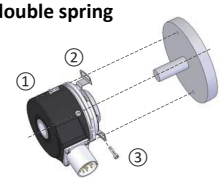
①Install encoder onto the stend
②Install the key into the keyslot
③Install encoder onto the motor

Standard hollow shaft encoders equipped with the single spring



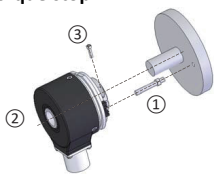
①Install the encoder on the motor
②Fasten the spring
③Tighten the screws on encoder

Standard hollow shaft encoders equipped with the double spring



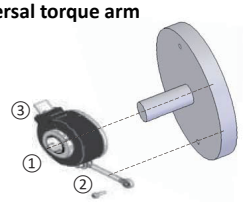
①Install the encoder on the motor
②Fasten the spring
③Tighten the screws on encoder

Standard hollow shaft encoders equipped with torque stop



①Install the torque stop on the motor or bracket
②Install the encoder on the measured shaft via torque stop .Make sure there is 0.8 mm gap between the end side of the torque and the support trench
③Tighten the screws on encoder

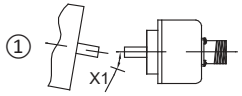
Standard hollow shaft encoders equipped with universal torque arm



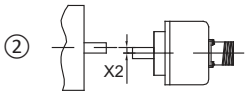
①Install the encoder on the motor
②Fasten the universal torque arm
③Tighten the screws on encoder

ABSOLUTE ENCODER EAC58(EAM58)-DP

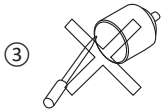
INSTALLATION ATTENTION



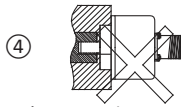
The angle deviation between the encoder and shaft is X1<1.5°.



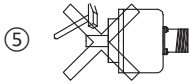
The radial deviation between the encoder and shaft is X2<0.1 mm.



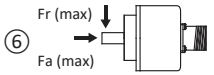
No modification.



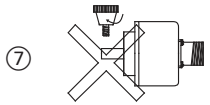
Don't use rigid connection between encoder and flange.



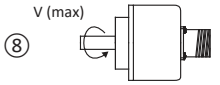
No hammer and impact.



Axial and radial load not beyond the limit .



No maching to the shaft.
(Inc. skiving, sawing, drilling)



Not beyond V(max) ,otherwise signal will be lost.

ELECTRICAL PARAMETERS

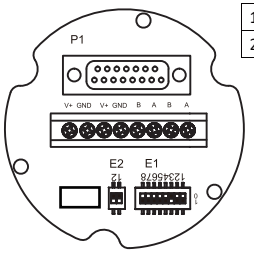
Protocol type	Profibus-DP
Supply voltage	10 ... 30 V DC

TERMINAL ASSIGNMENT

V+	Supply voltage	1
GND	Grounding	3
B (IN)	Profibus-DP input (RED)	4
A (IN)	Profibus-DP input (GREEN)	2
B (OUT)	Profibus-DP output (RED)	4
A (OUT)	Profibus-DP output (GREEN)	2

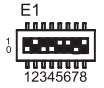
TERMINAL ASSIGNMENT- M12 Connector

Bus input Power Bus output



Terminal interface

1	2	3	4	5	6	7	8
2^0	2^1	2^2	2^3	2^4	2^5	2^6	-



E1:Address DIP switch
DIP1-DIP7:Address setting is binary code,the default address is 4 in the diagram.
DIP8: CW/CCW button , the counting direction can be changed.

E2:DIP1-DIP2 terminal setting is default 'ON' when the terminal is encoder, and terminal resistance is 220 Ω, otherwise please turn switch 'OFF'.

e.g. DIP1-DIP7, 1011001=77, DIP8 ON

Open the rear cover of the encoder and connect the wire according to the instructions on the terminal.

Note: To set parameters and congigure the slave in the Profibus-DP master,it is necessary to use the appropriate gsd file of encoder.

E22125752A/0

We reserve the right to make technical alterations without prior notice. |EN & CN| Creation date: 15.09.25 | UM_E_EAC58(EAM58)-DP_V1.0_EN&CN