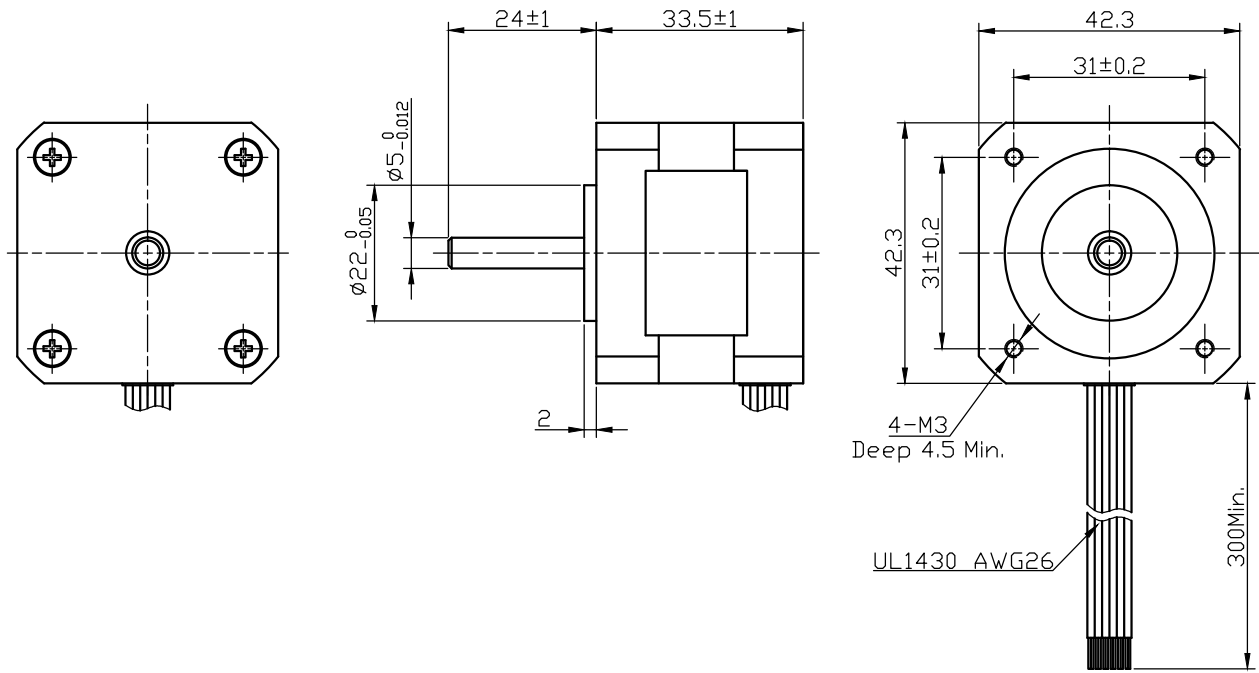
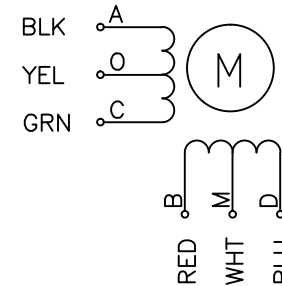


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE



Wiring Diagram(接线图)



Exciting Sequence (励磁顺序)

CW DIRECTION	STEP	A	C	B	D	O	M
↓	1	+		+		+	+
	2		+	+		+	+
	3		+			+	+
	4	+				+	+
	1	+		+		+	+

CW, see from flange side
(顺时针, 从法兰侧看)

SPECIFICATION

STEP ANGLE	步距角	0.9°/full step(差步)	PERMISSIBLE RADIAL+AXIAL FORCE (允许的轴向往复力)
STEP ANGLE ACCURACY	步距角精度	±5%	
NUMBER OF PHASE	绕组相数	4	
RATED VOLTAGE	额定电压	4.0 VDC	
RATED CURRENT	额定电流	0.95 A	
RESISTANCE/PHASE	每相电阻	4.2±10% ohms@20°C	
INDUCTANCE/PHASE	每相电感	4.0±20% mH@1kHz	
HOLDING TORQUE	保持转矩	0.158 N.m	
PULL OUT TORQUE	运行转矩		
BACK EMF	反电动势		
DETENT TORQUE	定位转矩		
ROTOR INERTIA	转子转动惯量	35 g.cm ²	
WEIGHT	重量	200 g	
TEMPERATURE RISE	温升	Less than 80K(小于80度)	AXIAL-FORCE 轴向压力 Fa=10 N Max.
SOURCE VOLTAGE	驱动器电压	24 VDC	DISTANCE 距离 a=20 mm
INSULATION CLASS	绝缘等级	B 130°C	RADIAL-FORCE 径向压力 Fr=28 N Max.
DIELECTRIC STRENGTH	介电强度	500VAC 1MIN	
INSULATION RESISTANCE	绝缘电阻	100MΩ @500VDC	SHAFT RADIAL PLAY 径向间隙 0.02mm Max. @4N
IP CODE	防护等级	IP30	SHAFT AXIAL PLAY 轴向间隙 0.08mm Max. @4N
OPERATION AMBIENT	使用环境	Ambient temperature:-20...+50°C, humidity Max. 85%(No condensation)	
STORAGE AMBIENT	存储环境	Ambient temperature:-20...+85°C, humidity Max. 85%(No condensation)	

DESIGN		DATE	P/N.
			3.1.01.042,***
MATERIAL		CONTR.	CHECK
TOLERANCES:			
DECIMALS: .x ±0.5			
.xx ±0.25			
.xxx ±0.1			
UNIT: mm			
DO NOT SCALE DRAWING			
FIRST ANGLE PROJECTION		SCALE	NTS
		SHEET	OF
		FULLING MOTOR	
		TITLE Specifications	
		USED ON FL42STH33-0956MA	
		DWG NO. REV A	