■ Naming rules

iSMD 60 D - 040 - D Q A K - A A - 000 - PXXX

Product series	
iSMD	iSMD integrated servo

Flange dimension	
60	60*60(mm)
80	80*80(mm)

Inertia type	
D	Medium inertia

Rated power	
0040	10x40(W)
0075	10x75 (W)
0100	10x100 (W)

Input voltage	
D	Input voltage DC24～60V

Encoder type	
Q	Multi-turn magnetoelectric absolute value encoder
N	Mechanical absolute value encoder

Customization code	
PXXX	IP65 model
None	IP20 model

Software version	
000	Software version

Hardware series	
A	Standard type
S	Support STO

Control method	
A	RS485、CANopen
E	EtherCAT
P	Profinet

Note: IP20 model supports pulses, IP65 model does not support pulses

Output shaft	
K	Key shaft with oil seal

Brake	
A	Without brake
B	With brake

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iSMD high-performance integrated servo drive motor

Wide voltage input DC24V~ DC60V

Integrated design On-site distributed installation efficient space utilization

Combining the servo driver motor and bus interface together with a compact appearance.

- Provide IP20 and IP65 series product
- Support pulse, Probe, Modbus RTU, CANopen , EtherCAT and ProfiNet communication control;
- Support multi-turn absolute value encoder
- Gantry control function
- Motor overspeed profection
- Use the Type-C debugging port.
- Position loop 8K/ speed loop 16K/ current loop 16K, faster response and more accurate control
- Compliant with CE+UL, meeting SIL3/Cat.3/PLE level STO safety function.

* The certification will be completed in the fourth quarter

■ iSMD-IP20 series Parameter Table

Model parameter		iSMD60D-040-D□■K-A▲-000 iSMD60D-040-D□■K-E▲-000 iSMD60D-040-D□■K-P▲-000	iSMD80D-075-D□■K-A▲-000 iSMD80D-075-D□■K-E▲-000 iSMD80D-075-D□■K-P▲-000	iSMD80D-100-D□■K-A▲-000 iSMD80D-100-D□■K-E▲-000 iSMD80D-100-D□■K-P▲-000
Input	Power supply	48VDC,10A Allowable fluctuation range 24V~60V	48VDC,17A Allowable fluctuation range 24V~60V	48VDC,24A Allowable fluctuation range 24V~60V
	Logic power	Not support STO function mode:24VDC, with fuse 60V@0.5A Supports STO function model:24V, logic power is isolated power supply, isolation voltage 500VDC		
complete machine	Max continuous output current（Arms）	10	16.2	21.2
	Peak current （Peak）	48AP	100AP	100AP
	Rated power Pn（W）	400	750	1000
	Rated speed nN（rpm）	3000	3000	3000
	Max speed（rpm）	4000	4000	3500
	Max torque Ts（Nm）	1.27	2.39	3.18
	Max torque Tm (Nm)	3.81	7.17	9.54
	Rotary inertia Jm(Kg·cm²)	0.48	1.66	2.27
		0.49 (With brake)	1.72 (With brake)	2.33 (With brake)
	Brake holding torque（Nm）	2	4	4
	Brake rated power（W）	7.6	11.5	11.5
	Brake rated voltage（VDC）	24	24	24
Duty		S1 (Continuous duty), based on the measured value of SMK60D_400W and SMK80D_750W; S3 (60%-10min), based on the measured value of iSMD_1000W		
Energy consumption brake		Need external brake resistance (iSMD60D≥5Ω/100W；iSMD80D≥5Ω/400W)		
Energy consumption brake voltage absorption point		63V±2V(default)		
Overvoltage alarm voltage		68V±2V(default)		
Undervoltage alarm voltage		16V±2V(default)		
Cooling mode		Natural cooling		
Input specification	Digital input	3-channel DI, Common COMI port, High level :12.5V~30VDC, Low level: 0~5VDC,Max frequency : 1KHz Min turn-on voltage＜11V,Max cut-off voltage＞5V,Max input voltage:30V, Complies with IEC61131-2 Type3, DI2 support probe function, Response time ≤10uS,Input impedance:5.1K		
	Pulse input	2-channel pulse input,Pulse+direction, CCW+CW,phase A+phase B (12V～24V),Max frequency:500KHz It can be multiplexed as 2-channel DI (DI4 and DI5) by software setting Min turn-on voltage＜11V,Max cut-off voltage＞5V,Max input voltage:30V,Complies with IEC61131-2 Type3		
	Analog input	iSMD_AA/AS model:1-channel voltage type analog input, 12bit,-10V～+10V,differential connection method		
Output specification		2-channel DO, open collector output, Max control voltage:30V, Max load current:100mA		
Type-C		Debug special, can use Kinco PC software connection		
STO		Applicable to models that support STO function;2-channel STO, STO interface can be connected with the safety controller, safety switch, safety sensor, etc., to realize the safety function of the driver.Input voltage range:24VDC±15%,Input current:2.3mA(Type),Logic level standard:IEC61131-2 Type1.Input resistance:10kOhm		
Bus function	Modbus/RS485	It supports a maximum 115.2K baud rate and can communicate with the controller using Modbus RTU		
	CANopen	It supports a maximum of 1MHz baud rate and can communicate with the controller using the CANopen		
	EtherCAT	Support CoE(CiA402 protocol)and CSP/CSV/PP/PV/PT/HM mode,communication speed 100M		
	Profinet	Non periodic parameter read and write; Message 1, message 3, message 5, message 9, message 102, message 105, message 111 Support IRT synchronous mode;Support absolute value encoder;Support DSC dynamic servo control		
Use environment	Working temperature	-20～40°C		
	Storage temperature	Short term storage (within 1 month): -20 °C~65 °C Long term storage (over 1 month): -10 °C to 55 °C		
	Protection class	IP20		
	Installation site	Dust-free, dry, lockable		
	Installation method	Motor flange installation		
	Altitude	Less than 3000m,power derating 1.5%/100m between 1000m and 3000m		
	Atmospheric	67kpa～106kpa		

Note: □ = Q:Multi-turn magnetoelectric absolute value encoder ■ = A:Without brake ▲ = A:Without STO
N:Mechanical absolute value encoder = B:With brake = S:With STO

iSMD high-performance integrated servo drive motor

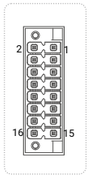
■ iSMD_IP65 series Parameter Table

Model parameter		iSMD60D-040-D□ K-E▲-000-PXXX iSMD60D-040-D□ K-P▲-000-PXXX	iSMD80D-075-D□ K-E▲-000-PXXX iSMD80D-075-D□ K-P▲-000-PXXX	iSMD80D-100-D□ K-E▲-000-PXXX iSMD80D-100-D□ K-P▲-000-PXXX
Input	Power supply	48VDC,10A Allowable fluctuation range 24V~60V	48VDC,17A Allowable fluctuation range 24V~60V	48VDC,24A Allowable fluctuation range 24V~60V
	Logic power	Not support STO function mode:24VDC, with fuse 60V@0.5A Supports STO function model:24V, logic power is isolated power supply, isolation voltage 500VDC		
complete machine	Max continuous output current（Arms）	10	16.2	21.2
	Peak current （Peak）	48AP	100AP	100AP
	Rated power Pn（W）	400	750	1000
	Rated speed nN（rpm）	3000	3000	3000
	Max speed（rpm）	4000	4000	3500
	Max torque Ts（Nm）	1.27	2.39	3.18
	Max torque Tm (Nm)	3.81	7.17	9.54
	Rotary inertia Jm(Kg·cm²)	0.48	1.66	2.27
		0.49 (With brake)	1.72 (With brake)	2.33 (With brake)
	Brake holding torque（Nm）	2	4	4
	Brake rated power（W）	7.6	11.5	11.5
	Brake rated voltage（VDC）	24	24	24
Duty		S1 (Continuous duty), based on the measured value of SMK60D_400W and SMK80D_750W ; S3 (60%-10min), based on the measured value of iSMD_1000W.		
Energy consumption brake		Need external brake resistance module (Model：PRC-69-40-20)		
Energy consumption brake voltage absorption point		63V±2V(default)		
Overvoltage alarm voltage		68V±2V(default)		
Undervoltage alarm voltage		16V±2V(default)		
Cooling mode		Natural cooling		
Digital input		4-channel DI, can be configured with source/sink input, High level :12.5V~30VDC, Low level: 0~5VDC, Max frequency : 1KHz Min turn-on voltage＜11V，Max cut-off voltage＞5V，Max input voltage:30V; DI2 ,DI3 support probe function, Response time ≤10uS,complies with IEC61131-2 Type3,Input impedance: 2.7K		
Output specification		2-channel digital output, software can set active/passive output . For active output, external 24V logic power supply needs to be connected to the power socket terminal (X5). DO1 load current : 200mA, DO2 load current : 100mA, Max control voltage : 30V		
Type-C		Debug special, can use Kinco PC software connection		
STO		Applicable to models that support STO function; 2-channel STO, STO interface can be connected with the safety controller, safety switch, safety sensor, etc., to realize the safety function of the driver Input voltage range：24VDC±15%，Input current:2.3mA(Type)，Logic level standard：IEC61131-2 Type1 Input resistance：10kOhm		
Bus function	EtherCAT	Support CoE(CiA402 protocol)and CSP/CSV/PP/PV/PT/HM mode，communication speed 100M		
	Profinet	Non periodic parameter read and write; Message 1, message 3, message 5, message 9, message 102, message 105, message 111; Support IRT synchronous mode; Support absolute value encoder; Support DSC dynamic servo control		
Use environment	Working temperature	-20°C～40°C Short term storage (within 1 month): -20 °C~65 °C.		
	Storage temperature	Long term storage (over 1 month): -10 °C to 55 °C.		
	Protection class	IP65, shaft end (excluding oil seal) IP54		
	Installation site	Dust-free, dry, lockable		
	Installation method	Motor flange installation		
	Altitude	Less than 3000m,power derating 1.5%/100m between 1000m and 3000m		
	Atmospheric	67kpa～106kpa		

Note：□ = Q：Multi-turn magnetoelectric absolute value encoder ■ = A：Without brake ▲ = A:Without STO
N：Mechanical absolute value encoder B：With brake = S:With STO

■ iSMD_IP20 series interface definition

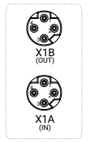
Communication interface



interface	Pin	signal	Description
X1 F8CVM-THR-3.5-16P-7-L30	1	CANH	CAN high-level signal line
	2		
	3	CANL	CAN low-level signal line
	4		
	5	GNDC	CAN signal ground
	6		
	7	RS485A	Data send/receive
	8		
	9	RS485B	
	10		
	11	GNDR	485 signal ground
	12		
	13	5VAUX	Internal 5V DC power supply output, voltage range 4.5 ~ 5.5V, Max output 500mA, only for use with photoelectric sensors ※
	14	GNDAUX	Internal 5V DC power supply output reference ground
	15	24VAUX	Internal 24V DC power supply output, voltage range 23 ~ 25V, Max output 500mA, only for use with photoelectric sensors ※
	16	GNDAUX	Internal 24V DC power supply output reference ground

Note: 1、Applied to iSMD_AA/AS models;
2、The auxiliary power supply output type depends on the model, please consult local sales for specific information

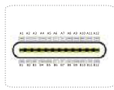
Communication interface



interface	Pin	signal	Description
X1A(IN) X1B(OUT) EtherCAT&Profinet M8-S4D-GPFM11	1	TD+	Send data +
	2	RD+	Receive data+
	3	TD-	Send data -
	4	RD-	Receive data -
	Shell	Shielded	Connect to the integrated motor shell

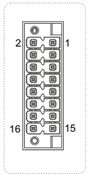
Note: Applicable to iSMD_EA&ES and iSMD_PA&PS models

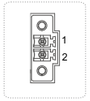
PC debugging interface



interface	Pin	signal	Description
X2 TYPE-C	A4/ B4	VBUS	USB input power supply
	A9/B9	VBUS	
	A1/B1	GND	
	A12/B12	GND	
	A6/B6	DP+	Differential data signal
	A7/B7	DP-	
	Shell	Shielded	–

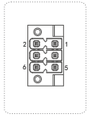
IO interface and battery interface





interface	Pin	signal	Description
X3A IO interface F8CVM-THR-3.5-16P-A-L30	1	AI1+	1-channel voltage type analog input, 12bit，-10V～+10V，differential connection method. Note: Applicable to iSMD IP20_AA/AS models
	2	AI1-	
	3	PUL+	Pulse+direction, CCW+CW, phase A+phase B (12V～24V) Max frequency:500KHz Min turn-on voltage＜11V，Max cut-off voltage＞5V，Max input voltage:30V,It can be multiplexed as 2-channel DI (DI4 and DI5) by software setting
	5	PUL-	
	7	DIR+	
	9	DIR-	
	4	COMI	Input common terminal
	6	DI1	3-channel DI, Common COMI port, High level : 12.5V~30VDC, Low level: 0~5VDC, Max frequency : 1KHz , Min turn-on voltage＜11V，Max cut-off voltage＞5V，Max input voltage:30V, DI2 can be configured for probe function, Response time ≤10 uS,Input impedance: 5.1K
	8	DI2 (Fast)	
	10	DI3	
	11	DO1+	Open collector output, Max control voltage:30V, Max load current:100mA
	12	DO1-	
	13	DO2+	
	14	DO2-	
	15	24VS	24V DC logical power input.voltage range +18 ~ 30V, maximum input current 1A
	16	GNDS	24V DC logic power input reference ground
Note:1、DIR and PUL can be multiplexed as DI4 and DI5 through software settings(20101E address).0: Pulse mode (factorydefault), 1: DI mode 2、Analog signal only exist in iSMD_AA/AS机型 model			
X3D Battery interface F8A-1M-3.5-02P-A	1	BAT+	Battery positive
	2	BAT-	Battery negative
Note: X3D is only applicable to multi-turn magneto-electric encoder model			

STO interface



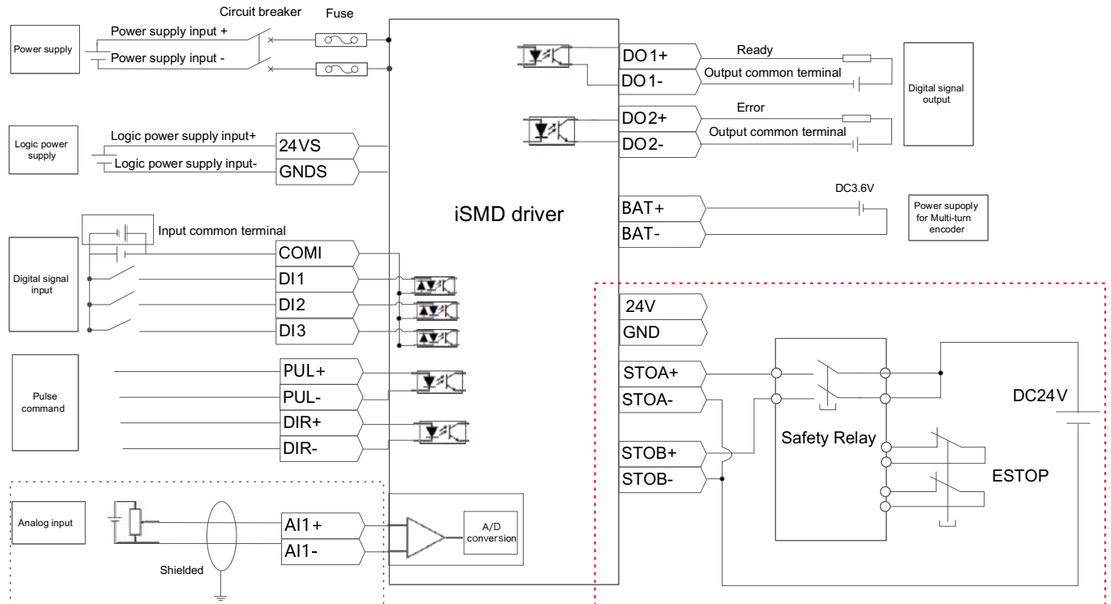
interface	Pin	signal	Description
X4 STO interface F8CVM-THR-3.5-06P-4-L30	1	STOA+	STO safety interface A, input voltage range 24VDC ± 15% Input current: 2.3mA (Type) Logic level standard: IEC61131-2 Type1 Input impedance: 10kOhm
	2	STOA-	
	3	STOB+	STO safety interface B, input voltage range 24VDC ± 15% Input current: 2.3mA (Type) Logic level standard: IEC61131-2 Type1 Input impedance: 10kOhm
	4	STOB-	
	5	24V	Internal 24V DC power supply output, voltage range 18~ 30V, maximum output current 100mA, only for STO use.
	6	GND	Internal 24V DC power supply output reference ground

Power supply and braking resistor interfac

interface	Pin	signal	Description
X5 F9CP-7-7.5-04P-A	1	RB-	External brake resistance input
	2	RB+	
	3	DC-	Power supply input
	4	DC+	

iSMD high-performance integrated servo drive motor

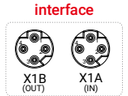
■ iSMD_IP20 series electrical wiring diagram



Note: iSMD_IP20 does not support STO function models, ignore the red box content.

■ iSMD_IP65 series interface definition

Communication interface



interface	Pin	signal	Description
X1A(IN) X1B(OUT) EtherCAT&Profinet M8-S4D-GPFM11	1	TD+	Send data +
	2	RD+	Receive data+
	3	TD-	Send data -
	4	RD-	Receive data -
	Shell	Shielded	Connect to the integrated motor shell

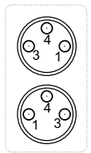
Note: Kinco M8PD4-RJ45-LL-F , M8SD4-RJ45-LL-F and M8SD4-M8PD4-LL-F external cable can be purchased

PC debugging interface

interface	Pin	signal	Description
X2 TYPE-C	A4&B4	VBUS	USB input power supply
	A9&B9	VBUS	
	A1&B1	GND	
	A12&B12	GND	
	A6&B6	DP+	Differential data signal
	A7&B7	DP-	
	Shell	Shielded	-

IO interface and battery interface

interface	Pin	signal	Description
X3A DI interface M8-S4A-GPFM11	1	24V	Internal 24V DC power supply output, voltage range 18~ 30V, maximum output current 200mA, only for digital input use.
			When not connected to logic power, it is the source type common terminal
	2	DI1	Digital input 1, which can be configured as NPN/PNP input
	3	DI2	Digital input 2,which can be configured as NPN/PNP input and can be configured as a probe input
	4	GND	Internal 24V DC power supply output reference ground;When not connected to logic power, it is the sink type common terminal
	Shell	Shielded	Connect to the integrated motor shell
X3B DI interface M8-S4A-GPFM11	1	24V	Internal 24V DC power supply output, voltage range 18~ 30V, maximum output current 200mA, only for digital input use.
			When not connected to logic power, it is the source type common terminal
	2	DI3	Digital input 3, which can be configured as NPN/PNP input and can be configured as a probe input
	3	DI4	Digital input 4,which can be configured as NPN/PNP input
	4	GND	Internal 24V DC power supply output reference ground;When not connected to logic power, it is the sink type common terminal
	Shell	Shielded	Connect to the integrated motor shell



interface	Pin	signal	Description
X3C DO interface M8-S3A-GPFM11	1	DO1	2-channel digital output, software can set active/passive output . For active output, external 24V logic power supply needs
	3	DO2	to be connected to the power socket terminal (X5).DO1 load current : 200mA, DO2 load current : 100mA, Max control voltage : 30V
	4	COMO	Output common terminal
	Shell	Shielded	Connect to the integrated motor shell
X3D Battery interface M8-S3A-GPFM11	1	BAT+	Battery positive
	3	BAT-	Battery negative
	4	/	
	Shell	Shielded	Connect to the integrated motor shell
Note: X3D is only applicable to multi-turn magneto-electric encoder model			

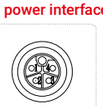
Note: For the iSMD_IP65 model, the DI/DO mode is selected through software settings. 20101D set the DO output (0:no power output ,default value;1:Power output).20101F set the DI input (0 : PNP input ,default value; 1:NPN input)

STO interface

interface	Pin	signal	Description
X4 STO M8-S6A-GPFM11	1	24VS	Internal 24V DC power supply output, voltage range 18~ 30V, maximum output current 100mA, only for STO use
	2	GND	Internal 24V DC power supply output reference ground
	3	STOA-	STO safety interface A, input voltage range 24VDC ± 15%;Input current: 2.3mA (Type)
	4	STOA+	Logic level standard: IEC61131-2 Type1;Input impedance: 10kOhm
	5	STOB+	STO safety interface B, input voltage range 24VDC ± 15%;Input current: 2.3mA (Type);
	6	STOB-	Logic level standard: IEC61131-2 Type1;Input impedance: 10kOhm
	Shell	Shielded	Connect to the integrated motor shell

Note: Kinco accessories M8-P6A-MWO can be purchased.

Power supply and power interface



interface	Pin	signal	Description
X5 Power supply and power interface	1	GNDS	24V DC logic power input reference ground
	2	24VS	24V DC Logical power input.voltage range 18 ~ 30V, maximum input current 1A
	3	DC-	Connect the power supply
	4	DC+	
	Shell	Shielded	Connect to the integrated motor shell
Note: Applicable to iSMD60D aviation plug models			

interface	Pin	signal	Description
X5 Power supply and power interface	1	GNDS	24V DC logic power input reference ground
	2	24VS	24V DC Logical power input.voltage range 18 ~ 30V, maximum input current 1A
	4	DC+	Connect the power supply
	5	DC-	
	Shell	Shielded	Connect to the integrated motor shell
Note: Applicable to iSMD80D aviation plug models			

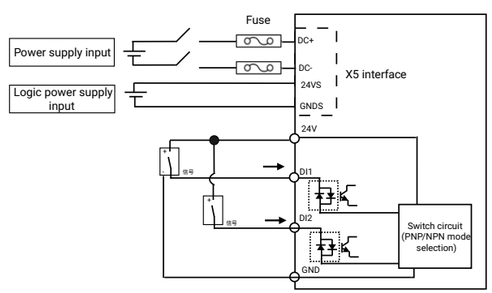
iSMD high-performance integrated servo drive motor

■ iSMD_IP65 series electrical wiring diagram

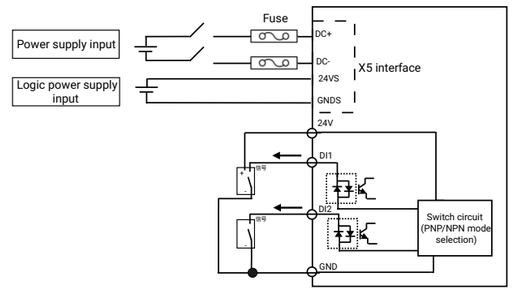
Digital input and output electrical wiring diagram

1、X5 interface is connected to a logic power supply：Digital input electrical wiring diagram

The input interface can support PNP input type device and NPN input type device.
When in use, the input type needs to be selected through software setting and correctly connect the wire:
When the external device is PNP input type, 20101F (DI input mode) need to be set to 0 (PNP mode) in the software.
When the external device is NPN input type, 20101F (DI input mode) need to be set to 1 (NPN mode) in the software.
Note: 24V and GND are the logic power output



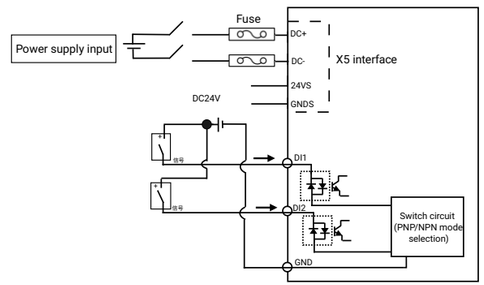
PNP input



NPN input

2、X5 interface is not connected to the logic power supply：Digital input electrical wiring diagram

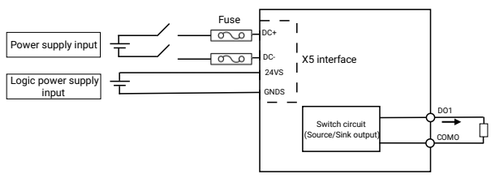
The input interface only supports PNP input type device. User need to set 20101F (DI input mode) to 0 (PNP mode) in the software.



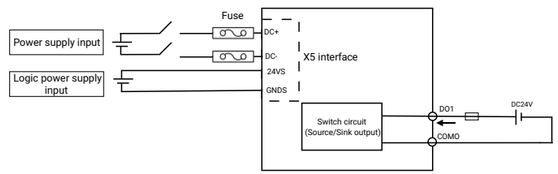
PNP input

3、X5 interface is connected to a logic power supply：Digital output electrical wiring diagram

The output interface can support source output type and sink output type. When in use, the input type needs to be selected through software setting and correctly connect the wire:
When a sink output connection is required, 20101D (DO output mode) need to be set to 0 (sink output) in the software.
When a source output connection is required, 20101D (DO output mode) need to be set to 1 (source output) in the software.



Source output



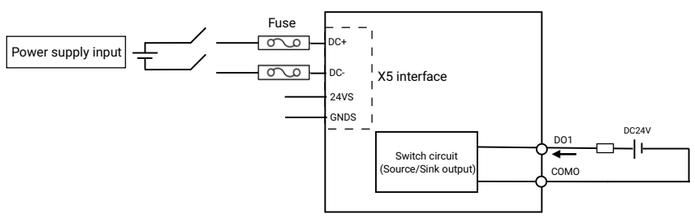
Sink output

■ iSMD_IP65 series electrical wiring diagram

Digital input and output electrical wiring diagram

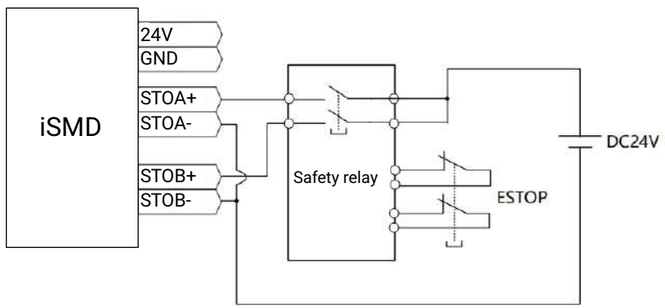
4、X5 interface is not connected to the logic power supply：Digital output electrical wiring diagram

The output interface only supports sink output connection, 20101D (DO output mode) need to be set to 0 (sink output) in the software.



Sink output

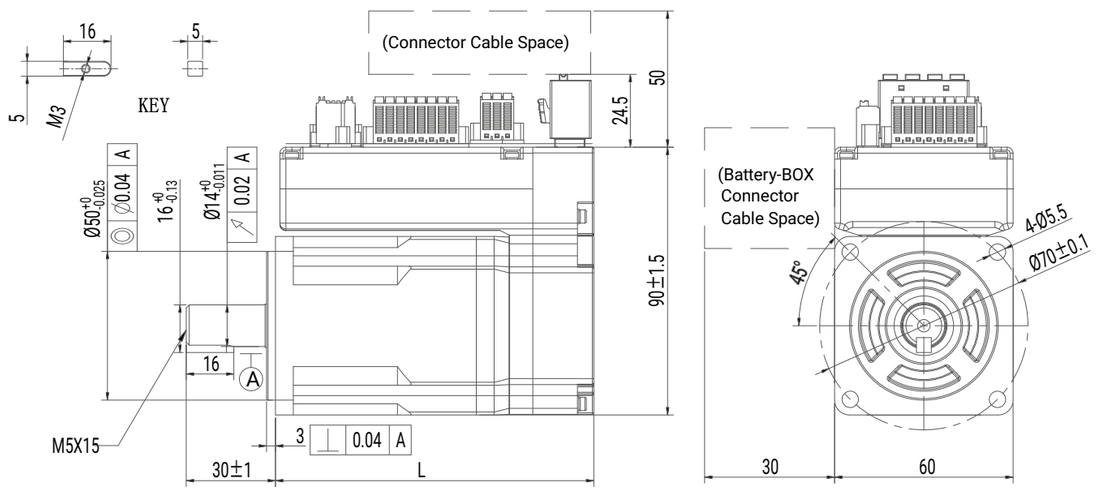
STO electrical wiring diagram

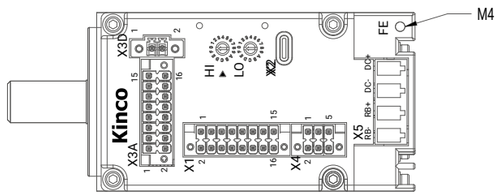


iSMD high-performance integrated servo drive motor

■ iSMD_IP20 series mechanical dimensions

iSMD60D_AA&AS（unit：mm）

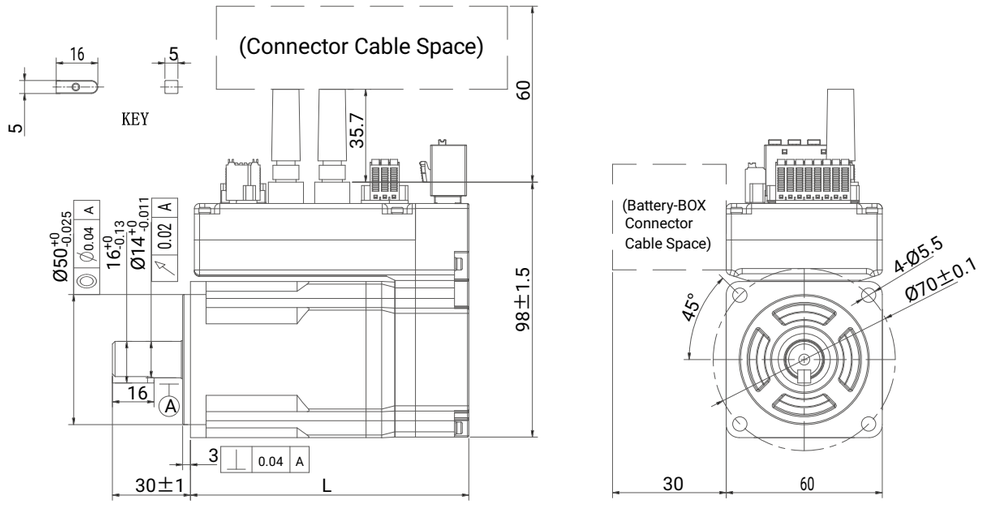


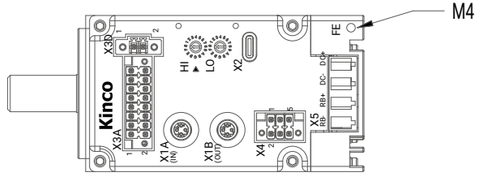


Note:iSMD60D-AA model without X4 port.

■ iSMD_IP20 series mechanical dimensions

iSMD60D_EA&ES (unit：mm)
iSMD60D_PA&PS (unit：mm)





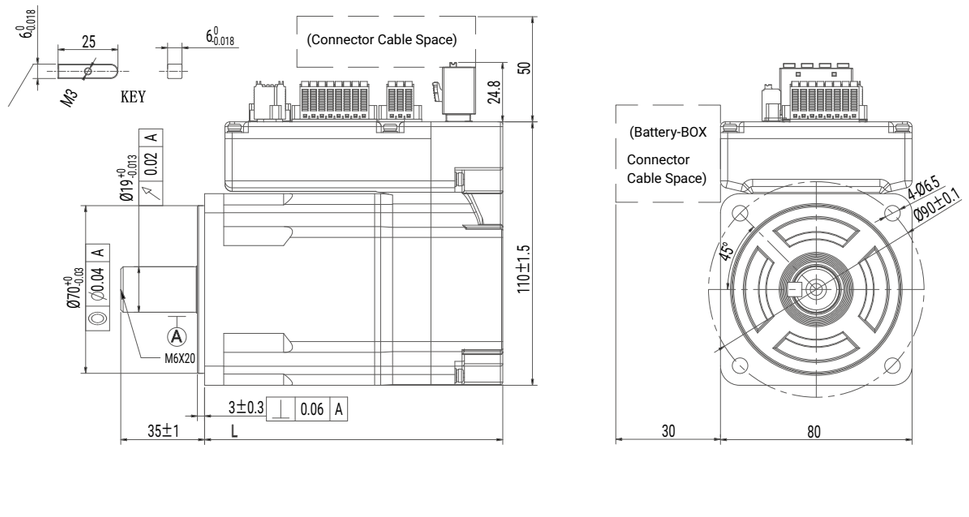
Note: iSMD60D-EA &PA model without X4 port, iSMD60D-PA&PS model without rotary dial switch.

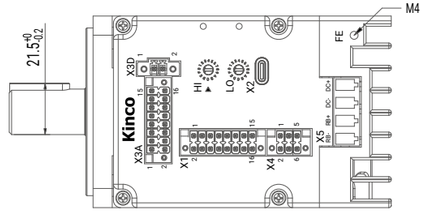
iSMD60D	With brake	Approx weight (Kg)	Dimension L (mm)
iSMD60D-040-DQAK-A▲-000		1.4	107±1.5
iSMD60D-040-DQAK-E▲-000			
iSMD60D-040-DQAK-P▲-000			
iSMD60D-040-DQBK-A▲-000	√	1.8	137±1.5
iSMD60D-040-DQBK-E▲-000			
iSMD60D-040-DQBK-P▲-000			
iSMD60D-040-DNAK-A▲-000		1.4	114±1.5
iSMD60D-040-DNAK-E▲-000			
iSMD60D-040-DNAK-P▲-000			
iSMD60D-040-DNBK-A▲-000	√	1.8	147.5±1.5
iSMD60D-040-DNBK-E▲-000			
iSMD60D-040-DNBK-P▲-000			

iSMD high-performance integrated servo drive motor

■ iSMD_IP20 series mechanical dimensions

iSMD80D_AA&AS (unit：mm)

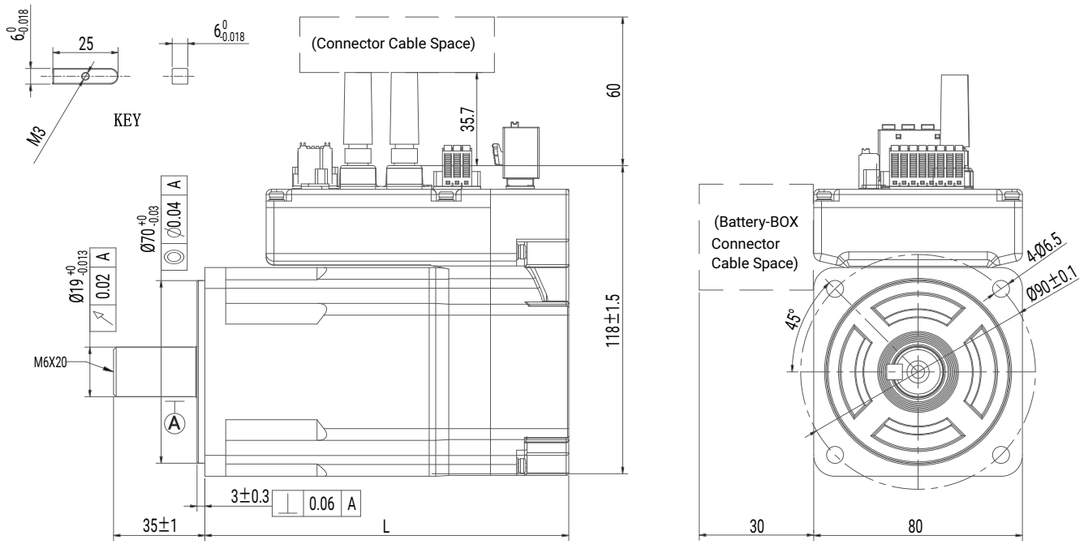


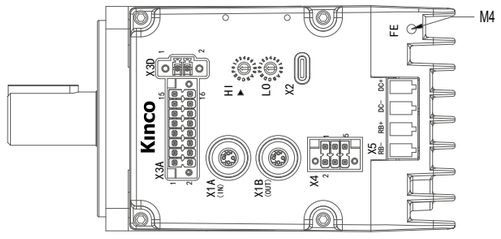


Note:iSMD80D-AA model without X4 port.

■ iSMD_IP20 series mechanical dimensions

iSMD80D_EA&ES（unit：mm）
iSMD80D_PA&PS（unit：mm）





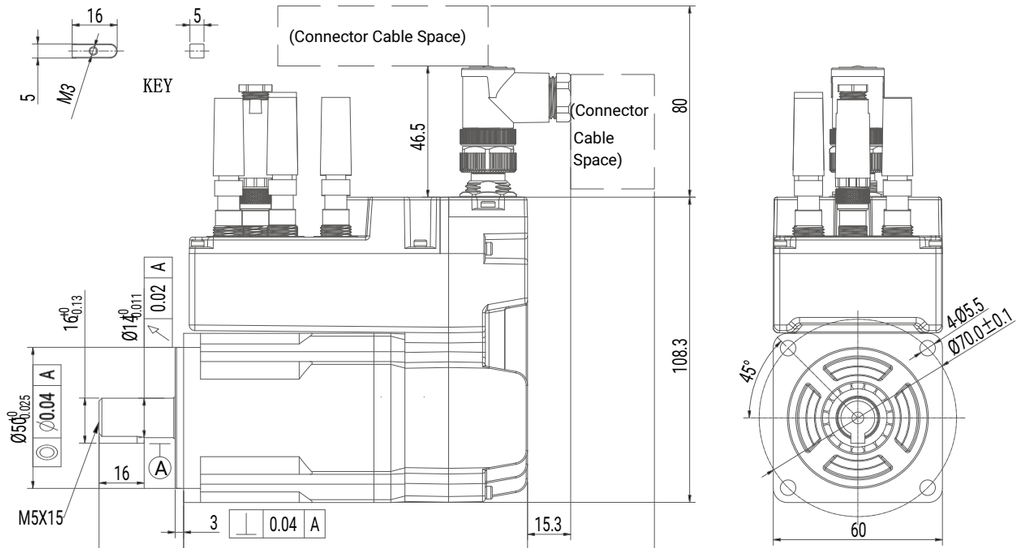
Note: iSMD80D-EA &PA model without X4 port, iSMD80D-PA&PS model without rotary dial switch.

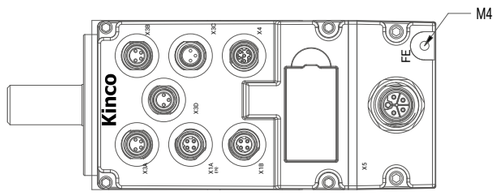
iSMD80D	With brake	Approx weight (Kg)	Dimension L (mm)
iSMD80D-075-D□AK-A▲-000		2.4	124.5±1.5
iSMD80D-075-D□AK-E▲-000			
iSMD80D-075-D□AK-P▲-000			
iSMD80D-075-D□BK-A▲-000	√	3.1	157.5±1.5
iSMD80D-075-D□BK-E▲-000			
iSMD80D-075-D□BK-P▲-000			
iSMD80D-100-D□AK-A▲-000		2.9	139.5±1.5
iSMD80D-100-D□AK-E▲-000			
iSMD80D-100-D□AK-P▲-000			
iSMD80D-100-D□BK-A▲-000	√	3.6	172.5±1.5
iSMD80D-100-D□BK-E▲-000			
iSMD80D-100-D□BK-P▲-000			

iSMD high-performance integrated servo drive motor

■ iSMD_IP65 series mechanical dimensions

iSMD60D（unit：mm）



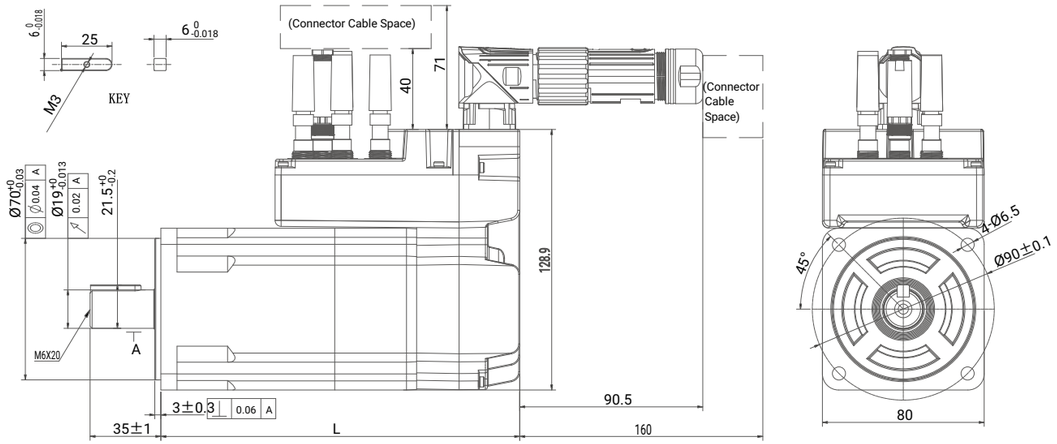


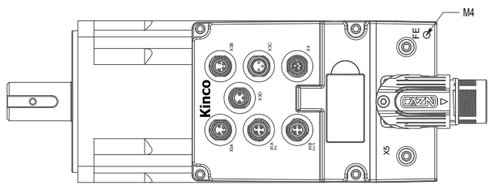
Note: iSMD60D-EA &PA model without X4 port, iSMD60D-PA&PS model without rotary dial switch.

iSMD60D	With brake	Approx weight (Kg)	Dimension L (mm)
iSMD60D-040-DQAK-E▲-000-P000		1.6	122±1.5
iSMD60D-040-DQAK-P▲-000-P000			
iSMD60D-040-DQBK-E▲-000-P000	√	2	152±1.5
iSMD60D-040-DQBK-P▲-000-P000			
iSMD60D-040-DNAK-E▲-000-P000		1.6	129±1.5
iSMD60D-040-DNAK-P▲-000-P000			
iSMD60D-040-DNBK-E▲-000-P000	√	2	162.5±1.5
iSMD60D-040-DNBK-P▲-000-P000			

■ iSMD_IP65 series mechanical dimensions

iSMD80D（unit：mm）





Note: iSMD80D-EA &PA model without X4 port, iSMD80D-PA&PS model without rotary dial switch.

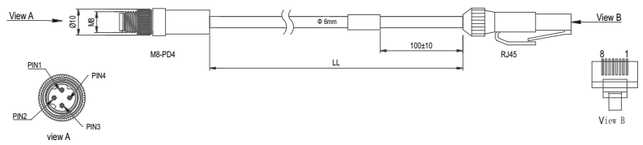
iSMD80D	With brake	Approx weight (Kg)	Dimension L (mm)
iSMD80D-075-D□AK-E▲-000-P000		2.8	129.5±1.5
iSMD80D-075-D□AK-P▲-000-P000			
iSMD80D-075-D□BK-E▲-000-P000	√	3.7	162.5±1.5
iSMD80D-075-D□BK-P▲-000-P000			
iSMD80D-100-D□AK-E▲-000-P000		3.3	144.5±1.5
iSMD80D-100-D□AK-P▲-000-P000			
iSMD80D-100-D□BK-E▲-000-P000	√	4	177.5±1.5
iSMD80D-100-D□BK-P▲-000-P000			

iSMD high-performance integrated servo drive motor

■ Accessory

■ M8PD4-RJ45-LL-F

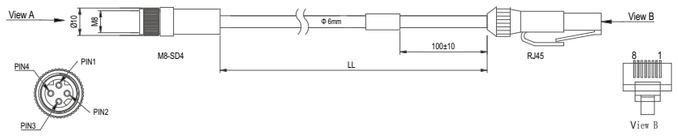
Wire spec:2P*26AWG,Shielding, drag chain 10 million times



Signal	M8-PD4 Male	Color	RJ45
TX+	1	White-Orange	1
RX+	2	White-Green	3
TX-	3	Orange	2
RX-	4	Green	6

■ M8SD4-RJ45-LL-F

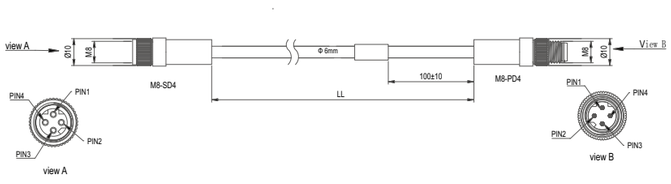
Wire spec:2P*26AWG,Shielding, drag chain 10 million times



Signal	M8-SD4 Female	Color	RJ45
TX+	1	White-Orange	1
RX+	2	White-Green	3
TX-	3	Orange	2
RX-	4	Green	6

■ M8SD4-M8PD4-LL-F

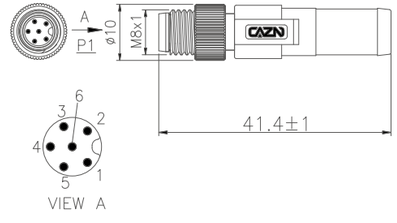
Wire spec:2P*26AWG,Shielding, drag chain 10 million times



Signal	M8-SD4 Female	Color	M8-PD4 Male
TX+	1	White-Orange	1
RX+	2	White-Green	2
TX-	3	Orange	3
RX-	4	Green	4

■ M8-P6A-MWO

Wire spec:26AWG (Single wire)



P1	Color
1	Red
4	
5	
2	Black
3	
6	