

AKM[®] Servo Motor

Three-Phase AC Permanent Magnet Servo Motor

Part Number Scheme and Connectivity



KOLLMORGEN

A REGAL REYNOLD BRAND

AKM® Model Nomenclature

AKM® Brushless Servo Motor

AKM 6 2 P - A N C N DA 00

AKM Series

Flange Size

- 1 40 mm
- 2 58 mm
- 3 70 mm
- 4 84 mm
- 5 108 mm
- 6 138 mm
- 7 188 mm
- 8 260 mm

Rotor Stack Length

		AKMx Availability							
		1	2	3	4	5	6	7	8
1	1 stack	•	•	•	•	•	•	•	•
2	2 stacks	•	•	•	•	•	•	•	•
3	3 stacks	•	•	•	•	•	•	•	•
4	4 stacks	•	•	•	•	•	•	•	•
5	5 stacks	•	•	•	•	•	•	•	•

Winding Type

A to Z

S Special

Mount

A IEC with tolerance N

B NEMA

C Alternative IEC standard

D Other standard

G Alternative IEC standard

H Alternative IEC standard

R IEC with tolerance R

M, T Reinforced bearing AKM8

W Flange coating for Washdown, IEC

S Special

Shaft

C Keyway

K Open keyway

N Smooth shaft

S Special

Customization/Seal

00 Standard motor without shaft seal (IP54 rating)

01 With shaft seal (IP65 rating)

0F Food Grade (IP67 rating)

0W Washdown (IP67 rating)

XX Customization

Feedback Device

For all options see following page

S Special

Brake

2 24 V holding brake

N Without brake

S Special

Connectors

For all option details see following page

B Dual 90° M23 Intercontec connectors, motor-mounted (AKM2 only)

C Dual straight M23 Intercontec connectors, on 0.5 m shielded leads (AKM1-AKM2)

C Dual 90° M23 Intercontec connectors, motor-mounted (AKM3-AKM7)

9 Single 90° itec connector, motor-mounted (AKM1 only)

9 Single 90° M23 Intercontec connector, motor-mounted (AKM2-AKM6)

G Dual straight M23 Intercontec connector, motor-mounted (AKM2-AKM7)

H Dual 90° M40 Intercontec connector and M23 Intercontec feedback connector, motor-mounted (AKM74QT & AKM82T)

M Dual molex connectors, on 0.5 m shielded leads (AKM1-AKM4)

P Single Molex connector, on 0.5 m shielded leads (AKM1-AKM4)

T Dual terminal box for power and M23 Intercontec feedback connector, motor-mounted (AKM8)

Y Single ytec connector, motor-mounted (AKM1 only)

Note: These connector options are only valid for the "00" and "01" customization/seal option variants. Stainless Steel Hummel connectors are used for AKM Washdown (0W) and AKM Food Grade (0F) variants.

Base Model	Mount-Shaft Availability																									
	AC	AK	AN	BK	BN	CC	CK	CN	DC	DK	DN	EF	EK	EN	GC	GN	HC	HN	KK	LK	MC	MN	TC	TN	WC	WN
AKM1		•	•		•		•	•																		
AKM2	•		•		•		•		•		•	•		•											•	•
AKM3	•		•			•		•							•	•									•	•
AKM4	•		•	•		•		•					•		•	•			•						•	•
AKM5	•		•	•		•		•		•			•		•	•									•	•
AKM6	•		•												•	•			•	•					•	•
AKM7	•		•												•	•			•							
AKM8	•		•			•		•							•	•	•	•			•	•	•	•		

Note: Options shown in blue text are considered standard.

Feedback Device Options

Functional Safety Capable

Code	Designation	AKM Frame Size	Feedback Type/Size	Single-Turn or Multi-Turn	Device Resolution (Sin/Cos per Rev., Bits or Lines/Rev.)	AKD Internal Resolution	AKD2G Internal Resolution	# of Absolute Revs.	Accuracy (± arc-mins)
1-	Commutating Encoder	1-8	15/21	Single-turn	1024 Lines	4,096	4,096	None	1
2-					2048 Lines	8,192	8,192		
ED		2-8	15/21		500 Lines	2,000	2,000		
EE					1000 Lines	4,000	4,000		
EF					2000 Lines	8,000	8,000		
EG					2500 Lines	10,000	10,000		
EH					5000 Lines	20,000	20,000		
EJ					10000 Lines	40,000	40,000		
EM					4096 Lines	16,384	16,384		
EN					8192 Lines	32,768	32,768		
AA	BiSS B Optical Sine Encoder	2-4	AD34	Single-turn	2048 Sin/Cos	27-Bits	32-Bits	1	0.6
		5-8	AD58						
AB		2-4	AD34	Multi-turn				4,096	
		5-8	AD58						
C-	SFD Smart Feedback Device	1	15	Single-turn	24-Bits	24-Bits	24-Bits	1	15
		2-4							8
		5-8							21
CA	SFD3 Smart Feedback Device, Gen. 3	1	15	Single-turn	24-Bits	24-Bits	24-Bits	1	15
		2-4	21						8
		5-6							9
CB	SFD-M Smart Feedback Device, Multi-turn	2-6	15	Multi-turn	24-Bits	24-Bits	24-Bits	65,536	1
GE	HIPERFACE DSL® Optical Encoder	2-6	EKS36-0	Single-turn	18-Bits	18-Bits	18-Bits	1	1.33
GF			EKM36-0	Multi-turn				4,096	
GA/GJ*	HIPERFACE Optical Sin/Cos Encoder	2-8	SKS36	Single-turn	128 Sin/Cos	23-Bits	31-Bits	1	1.33
GB/GK*			SKM36	Multi-turn				4,096	
GP**	HIPERFACE Capacitive Encoder	1	SEK34	Single-turn	16 Sin/Cos	20-Bits	28-Bits	1	4.8
GR**			SEL34	Multi-turn				4,096	
GU	HIPERFACE DSL® Capacitive	2-7	EEM37-2	Multi-turn	17-Bits	17-Bits	17-Bits	1	4
DA	EnDat® 2.1/01 Optical Sine Encoder	2-4	ECN1113	Single-turn	512 Sin/Cos	25-Bits	32-Bits	1	1
		5-8	ECN1313		2048 Sin/Cos	27-Bits		0.333	
DB		2-4	EQN1125	Multi-turn	512 Sin/Cos	25-Bits		4,096	1
		5-8	EQN1325		2048 Sin/Cos	27-Bits			0.333
LA	EnDat® 2.1/01 Inductive Encoder	2-3	ECI1118 1164814-02	Single-turn	16 Sin/Cos	18-Bits	18-Bits	1	4.67
		4-8	ECI1319 811811-02		32 Sin/Cos	19-Bits	19-Bits	4,096	3
LB		2-3	EQI1130 1164815-52	Multi-turn	16 Sin/Cos	18-Bits	18-Bits		4.67
		4-8	EQI1331 811814-08		32 Sin/Cos	19-Bits	19-Bits		3
R-	Resolver Inductive Encoder	1	15	Single-Turn	1 pole pair (16-Bits)	16-Bits	16-Bits	1	15
		2-4							10
		5-8							21

*ServoStar (Sxxx)/AKD mapped respectively

**AKD mapped ONLY

① Sick HIPERFACE DSL® model EEM37-2. Please visit <https://www.sick.com> to download the latest safety data sheet.

AKM® Model Nomenclature

Connector Options

Code	Thermal Sensor*	Used with	IP Rating**	Connection type	Description
B	PTC	AKM2	IP65	2 SpeedTec Ready connectors, size 1.0 (M23)	Angled, rotatable, mounted on motor
C	PTC	AKM1-AKM2	IP65	2 SpeedTec Ready connectors, size 1.0 (M23)	On 0.5m cable
C	PTC	AKM3-AKM7	IP65	2 SpeedTec Ready connectors, size 1.0 (M23)	Angled, rotatable, mounted on motor
9	PT1000	AKM1	IP65	1 hybrid itec connector	Rotatable, mounted on motor
9	PT1000	AKM2-AKM6	IP65	1 SpeedTec Ready connector, size 1.0 (M23)	Angled, rotatable, mounted on motor
G	PTC	AKM2-AKM7	IP67	2 SpeedTec Ready connectors, size 1.0 (M23)	Straight, mounted on motor
H	PTC	AKM7 & AKM82T	IP65	1 feedback threaded connector, size 1.0 (M23) 1 power threaded connector, size 1.5 (M40)	Angled, rotatable, mounted on motor
M	PTC	AKM1-AKM4	IP20	2 Molex connectors, $I_c < 6$ A	On 0.5m cable
P	PTC	AKM1-AKM4	IP20	1 Molex connector, $I_c < 6$ A	On 0.5m cable
T	PTC	AKM8	IP65	1 terminal box for power 1 feedback threaded connector, size 1.0 (M23)	Mounted on motor
Y	PTC	AKM1	IP65	1 ytec connector	Rotatable, mounted on motor

NOTE: These connector options are only valid for the "00" or "01" Customization/Seal Option variants. Stainless Steel Hummel connectors are used for AKM Washdown (0W) and AKM Food Grade (0F) variants.

*For Thermal Device Curves, reference see the Thermal Sensor Protective Devices page.

**IP ratings shown apply ONLY to the connector and the connector base/bushing on motor.

Feedback and Connector Availability

AKM1						
Connector Code		C	9	M	P	Y
Feedback Code	R-	•		•		•
	1-, 2-	•		•		•
	C-	•		•	•	•
	CA		•			
	GP, GR	•				•

AKM2								
Connector Code		B	C	D	9	G	M	P
Feedback Code	R-	•	•			•	•	
	1-, 2-	•	•			•	•	
	Ex	•	•			•	•	
	AA, AB	•	•			•	•	
	C-	•	•	•		•	•	•
	CA, CB, GU				•			
	DA, DB	•	•			•	•	
	LA, LB	•	•			•	•	
	GA, GB	•				•		
	GE, GF				•			
	GJ, GK	•				•		

Related Resources:

[Feedback Option Specifications](#)
[Connector Options and Pinouts](#)

AKM3-4							
Connector Code		C	D	9	G	M	P
Feedback Code	R-	•			•	•	
	1-, 2-	•			•	•	
	Ex	•			•	•	
	AA, AB	•			•	•	
	C-	•	•		•	•	•
	CA, CB, GU			•			
	DA, DB	•			•	•	
	LA, LB	•			•	•	
	GA, GB	•			•		
	GE, GF			•			
	GJ, GK	•			•		

AKM5-6					
Connector Code		C	9	G	
Feedback Code	R-	•		•	
	1-, 2-	•		•	
	Ex	•		•	
	AA, AB	•		•	
	C-	•		•	
	CA, CB, GU		•		
	DA, DB	•		•	
	LA, LB	•		•	
	GA, GB	•		•	
	GE, GF		•		
	GJ, GK	•		•	

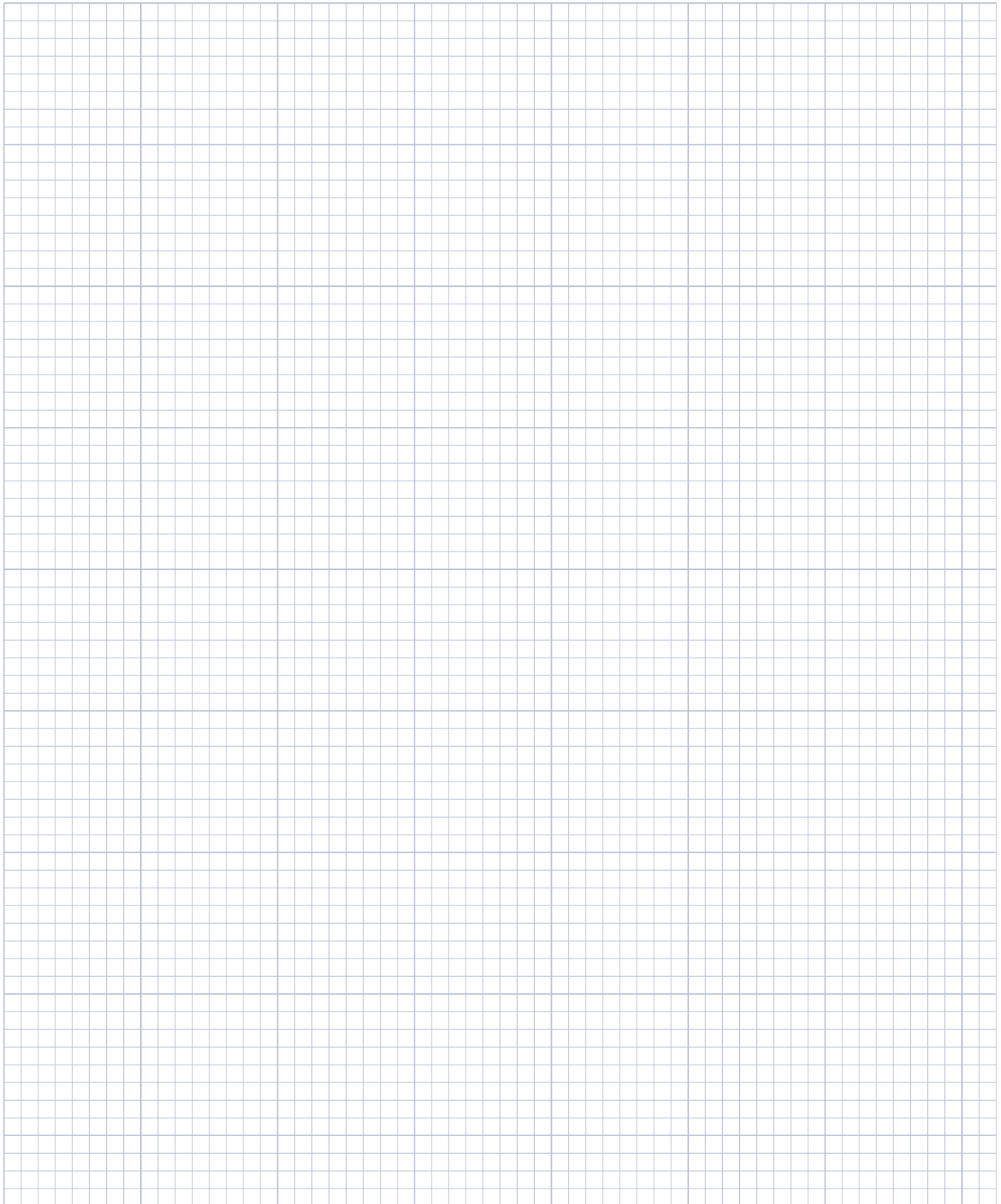
AKM7					
Connector Code		C	G	H*	
Feedback Code	R-	•	•	•	
	1-, 2-	•	•	•	
	Ex	•	•	•	
	AA, AB	•	•	•	
	C-	•	•	•	
	DA, DB	•	•	•	
	LA, LB	•	•	•	
	GA, GB	•	•	•	
	GJ, GK	•	•	•	

*AKM74Q Only

AKM8				
Connector Code		H*	T	
Feedback Code	R-	•	•	
	1-, 2-	•	•	
	Ex	•	•	
	AA, AB	•	•	
	C-	•	•	
	DA, DB	•	•	
	LA, LB	•	•	
	GA, GB	•	•	
	GJ, GK	•	•	

*AKM82T Only

Notes

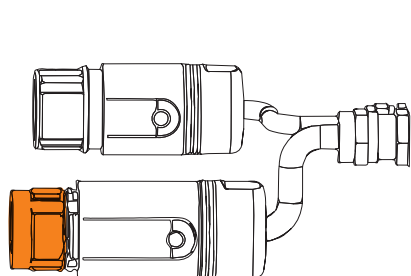


0.125 inch divisions

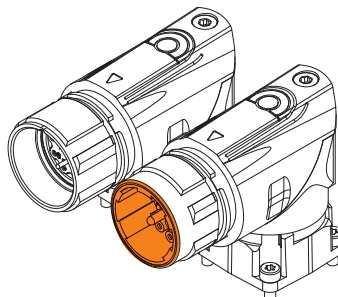
AKM® Servo Motor Connector Pinouts

Dual Cable Options – Power & Feedback

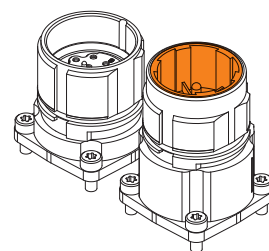
B, C, G, H, & T Power Connector Pinouts



C- Connectors (AKM1 & AKM2 Only)
Connector Part Number: BKUA-199-NN-00-11-0200-000

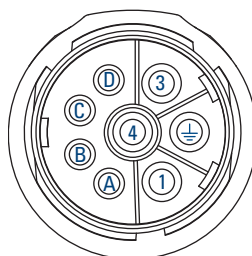


B- Connectors (AKM2 Only)
C- Connectors (AKM3-7)
Connector Part Number: BEDC-110-NN-00-00-1216-000



G- Connectors (AKM2 - AKM7)
Connector Part Number: BEGA-120-NN-00-00-0200-000

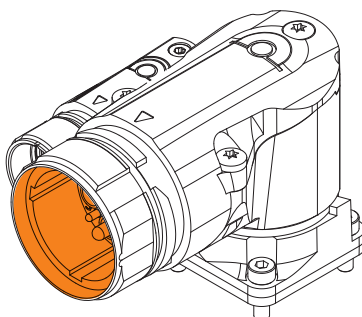
B-, C- & G- Power Connector Pinout



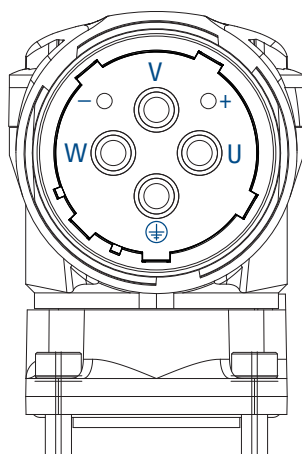
Pin	Function
1	U
⌚	PE
3	W
4	V
A	Brake +
B	Brake -
C	N/C
D	N/C

H- Connector Pinout

(AKM7 & AKM82T Only)
Connector Part Number: CEDE-270-NN-00-00-0051-000



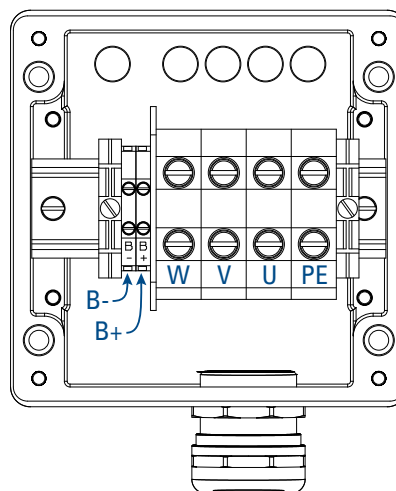
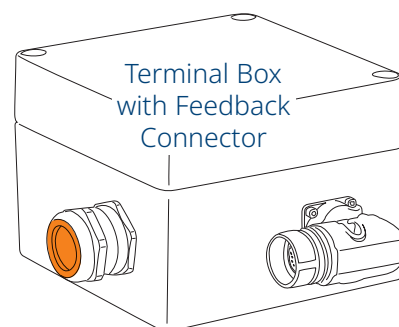
H- Connectors



Pin	Function
U	U
⌚	PE
W	W
V	V
+	Brake +
-	Brake -

Power Connector (View Facing Front)

T- Connector (AKM8 Only)

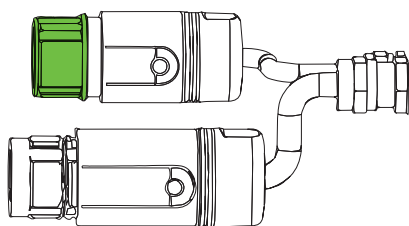


Clamp	Function
U	U
PE	PE
W	W
V	V
B+	Brake +
B-	Brake -

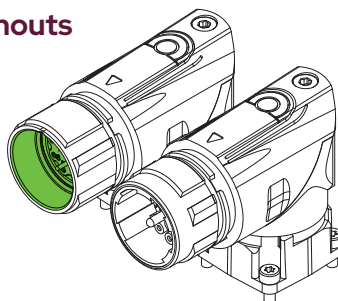
Note: The connector part numbers given are only valid for the "00" and "01" customization/seal option variants. For mating connector selection, please work with TE Connectivity to select the proper option based on your cable design (cable diameter and conductor size). Pinout still valid for AKM Washdown "0W" and AKM Food Grade "0F" Stainless Steel Hummel connector variants.

Dual Cable Options – Power & Feedback

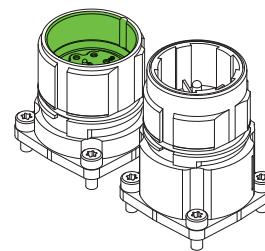
B, C, G, H, & T Feedback Connector Pinouts



C- Connectors (AKM1 & AKM2 Only)



B- Connectors (AKM2 Only)
C- Connectors (AKM3-7)



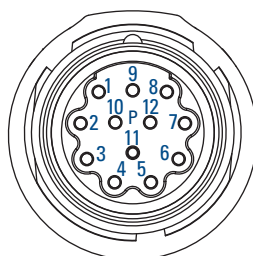
G- Connectors (AKM2 - AKM7)

Connector Part Number:

AKUA-012-NN-00-09-0200-000
(For AKM1 & 2, "C- Connector")

AEDC-110-NN-00-00-1215-000
(For AKM2 "B- Connector", AKM3-7, "C- Connector" and AKM7 & AKM8 "H- Connector")

AEGA-110-NN-00-00-0201-000
(For AKM2-7 "G- Connector")

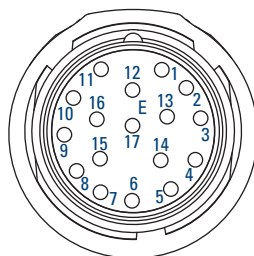


SFD2

Pin	Function
1	SFD +5V
2	SFD +5V RTN
3	SFD COM-
4	SFD COM+
5	SFD COM Shield (AKM 1, 2)
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C

Resolver

Pin	Function
1	N/C
2	Thermal Sensor +
3	S4 COS -
4	S3 SIN -
5	R2 REF -
6	Thermal Sensor -
7	S2 COS +
8	S1 SIN +
9	R1 REF +
10	N/C
11	N/C
12	N/C



Connector Part Number:

AKUA-015-NN-00-09-0200-000
(For AKM1 & 2, "C- Connector")

AEDC-139-NN-00-00-1215-000
(For AKM2 "B- Connector", AKM3-7, "C- Connector" and AKM7 & AKM8 "H- Connector")

AEGA-139-NN-00-00-0201-000
(For AKM2-7 "G- Connector")

Commutating Encoder

Pin	Function
1	B
2	$\bar{B}$
3	A
4	$\bar{A}$
5	Z
6	$\bar{Z}$
7	GND
8	Thermal Sensor +
9	Thermal Sensor -
10	Vcc
11	N/C
12	N/C
13	N/C
14	N/C
15	U
16	V
17	W

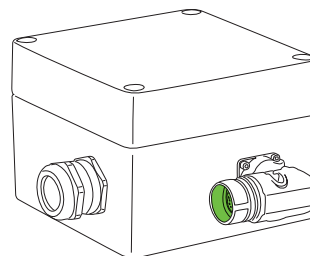
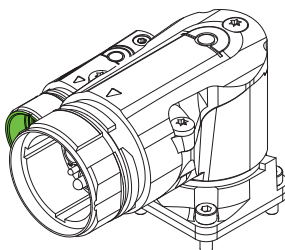
EnDat[®]/BiSS

Pin	Function
1	B -
2	GND
3	A -
4	Vcc
5	DATA
6	N/C
7	Thermal Sensor +
8	Clock
9	B +
10	Un Sense (Common)
11	A +
12	Up Sense (VCC)
13	$\bar{DATA}$
14	Thermal Sensor -
15	$\bar{Clock}$
16	N/C
17	N/C

HIPERFACE[®] Analog

Pin	Function
1	SIN +
2	GND
3	COS +
4	Vcc
5	Data
6	N/C
7	Thermal Sensor +
8	N/C
9	REF SIN
10	N/C
11	REF COS
12	N/C
13	Data
14	Thermal Sensor -
15	N/C
16	N/C
17	N/C

H- Connectors (AKM74Q - AKM82T Only)



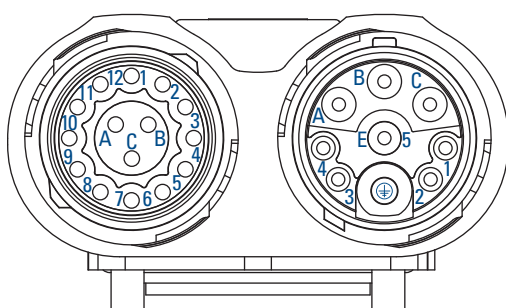
T- Connector
(AKM8 Only)

Note: The connector part numbers given are only valid for the "00" and "01" customization/seal option variants. For mating connector selection, please work with TE Connectivity to select the proper option based on your cable design (cable diameter and conductor size). Pinout still valid for AKM Washdown "0W" and AKM Food Grade "0F" Stainless Steel Hummel connector variants.

AKM® Servo Motor Connector Pinouts

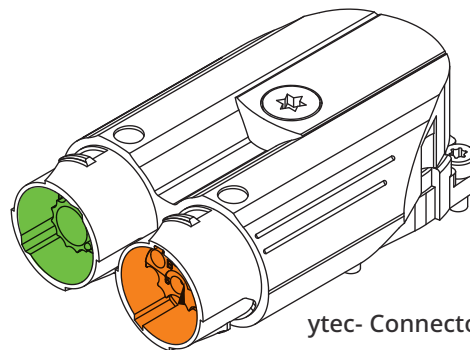
Dual Cable Options – Power & Feedback

ytec® - Y- Connector Pinout – AKM1 only



Feedback

Power + Brake



ytec- Connector

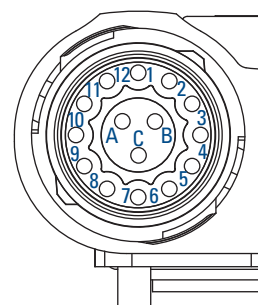
Power Connector

Pin	Function
1	BR+
2	BR-
3	N/C
4	N/C
5/E	N/C
A	Phase U
B	Phase W
C	Phase V
⊕	PE

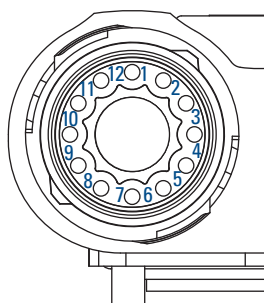
Connector Part Number: See Options for
Commutating Encoder or SFD2/Resolver/
HIPERFACE

Commutating Encoder

Pin	Function
1	B
2	$\bar{B}$
3	A
4	$\bar{A}$
5	Z
6	$\bar{Z}$
7	GND
8	Thermal Sensor +
9	Thermal Sensor -
10	Vcc
11	N/C
12	N/C
A	U
B	V
C	W



Connector Part Number:
EEDA-103-NN-00-00-0001-000



SFD2

Pin	Function
1	SFD +5 V
2	SFD +5 V RTN
3	SFD COM-
4	SFD COM+
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C

Resolver

Pin	Function
1	N/C
2	Thermal Sensor +
3	S4 COS -
4	S3 SIN -
5	R2 REF -
6	Thermal Sensor -
7	S2 COS +
8	S1 SIN +
9	R1 REF +
10	N/C
11	N/C
12	N/C

HIPERFACE® Analog

Pin	Function
1	Thermal Sensor +
2	Thermal Sensor -
3	N/C
4	REF SIN
5	REF COS
6	Data +
7	Data -
8	SIN +
9	COS +
10	Vcc
11	GND
12	N/C

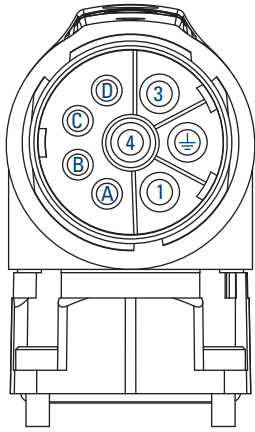
Connector Part Number: EEDA-101-NN-00-00-0001-000

Note: The connector part numbers given are only valid for the "00" and "01" customization/seal option variants. For mating connector selection, please work with TE Connectivity to select the proper option based on your cable design (cable diameter and conductor size). Pinout still valid for AKM Washdown "0W" and AKM Food Grade "0F" Stainless Steel Hummel connector variants.

Hybrid Single Cable Options – Power & Feedback

9-, and E Hybrid Connector Pinouts

9- Connector Pinout – Hybrid combined power and SFD3, SFD-M, and HDSL feedback

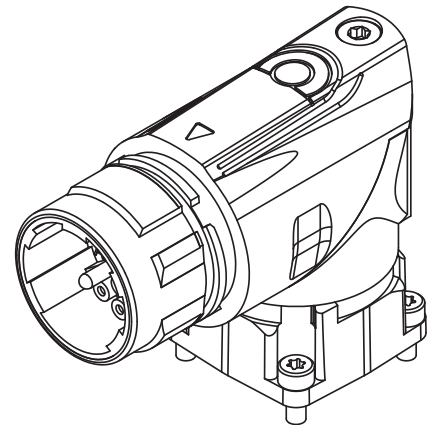


Power + SFD3/SFD-M/HDSL

Pin	Function
1	U
⊕	PE
3	W
4	V
A	Brake +
B	Brake -
C	SFD - / HDSL -
D	SFD + / HDSL +

Power + SFD2

Pin	Function
1	U
⊕	PE
3	W
4	V
A	SFD +5 V
B	SFD +5 V RTN
C	SFD COM -
D	SFD COM +

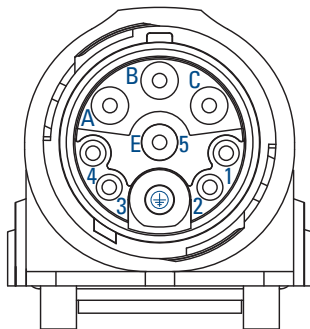


Power + SFD2 /SFD3 / HDSL

Connector Part Number:
BEDC-110-NN-00-00-1216-000

9- Connector

itec®- 9- Connector Pinout – AKM1 only

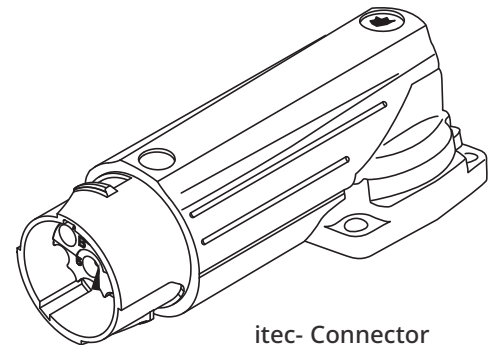


Power + SFD3

Pin	Function
1	Brake +
2	Brake -
3	SFD -
4	SFD +
5/E	N/C
A	Phase U
B	Phase W
C	Phase V
⊕	PE

Power + SFD2

Pin	Function
1	SFD +5 V
2	SFD +5 V RTN
3	SFD COM -
4	SFD COM +
5/E	N/C
A	Phase U
B	Phase W
C	Phase V
⊕	PE

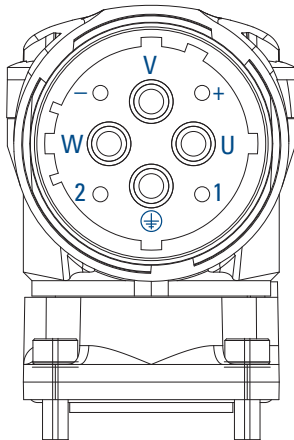


Power + SFD3

Connector Part Number:
EEDA-201-NN-00-00-0800-000

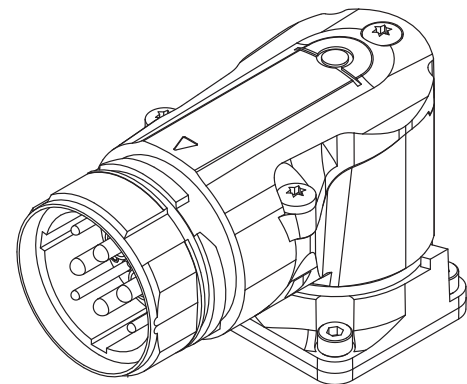
itec- Connector

E- Connector Pinout – AKM7-8 only



Power + SFD3

Pin	Function
U	U
⊕	PE
W	W
V	V
+	Brake +
-	Brake -
1	SFD-
2	SFD+



E- Connector

Note: The connector part numbers given are only valid for the "00" and "01" customization/seal option variants. For mating connector selection, please work with TE Connectivity to select the proper option based on your cable design (cable diameter and conductor size). Pinout still valid for AKM Washdown "0W" and AKM Food Grade "0F" Stainless Steel Hummel connector variants.



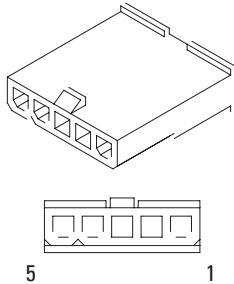
AKM® Servo Motor Connector Pinouts

Dual Molex Cable Options – Power & Feedback

“M” Power and Feedback Connector Options

(AKM 1, 2, 3 & 4 Only) If additional dimensions or connectors are required, contact Kollmorgen Customer Support.

“M” Power Connector Options



Power Connector – No Brake

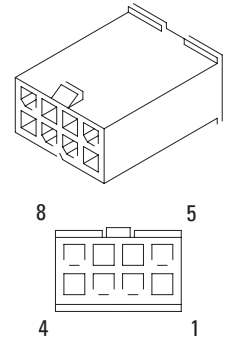
Pin	Function	Color
1	U	Blue
2	V	Brown
3	W	Violet
4	Gnd	Grn/Yel
5	Shield	

Shield Connected to Motor
Ground Internal to Motor

Power Connector – Brake

Pin	Function	Color
1	U	Blue
2	V	Brown
3	W	Violet
4	Gnd	Grn/Yel
5	Shield	
6	Brake+	Black
7	Brake-	Black
8	N/C	

Shield Connected to Motor
Ground Internal to Motor

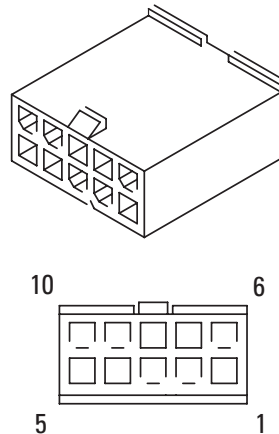


“M” Feedback Connector Options

SFD

Pin	Function	Color
1	SFD +5V	Red
2	SFD +5V RTN	Black
3	SFD COM-	Yellow
4	SFD COM+	Blue
5	SFD COM Shield	
6	N/C	
7	N/C	
8	N/C	
9	N/C	
10	N/C	

Shield is Not Connected at Motor End



Resolver

Pin	Function	Color
1	N/C	
2	Thermal Sensor +	Orange
3	S4, COS-	Blue
4	S3, SIN-	Black
5	R2, REF-	Blk/Wht
6	Thermal Sensor -	Orange/White
7	S2, COS+	Yellow
8	S1, SIN+	Red
9	R1, REF+	Red/Wht
10	Shield	

Shield is Not Connected at Motor End

Absolute Encoder

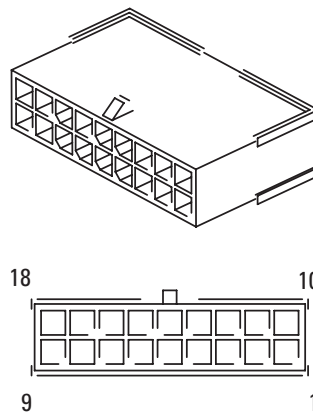
Pin	“AA” & “AB”	DA, DB & LA, LB	Color
1	B-	B-	Red/Blk
2	Gnd	Gnd	Wht/Grn
3	A-	A-	Yel/Blk
4	Vcc (5Vdc)	Vcc (5Vdc)	Brn/Grn
5	Data	Data	Gray
6	N/C	N/C	
7	Thermal Sensor+	Thermal Sensor+	Green
8	Clock	Clock	Violet
9	B+	B+	Blu/Blk
10	Un Sense (Common)	Un Sense (Common)	White
11	A+	A+	Grn/Blk
12	Up Sense (VCC)	Up Sense (VCC)	Blue
13	Data	Data	Pink
14	Thermal Sensor-	Thermal Sensor-	Brown
15	Clock	Clock	Yellow
16	N/C	N/C	
17	N/C	N/C	
18	N/C	Shield	

Shield is Not Connected at Motor End

Commutating Encoder

Pin	Function	Color
1	B	Green
2	B	Grn/Blk
3	A	Blue
4	A	Blue/Blk
5	Z	Violet
6	Z	Violet/Blk
7	Gnd	Black
8	Thermal Sensor +	Orange
9	Thermal Sensor -	Orange/White
10	Vcc	Red
11	N/C	
12	N/C	
13	N/C	
14	N/C	
15	U	Brown
16	V	Grey
17	W	White
18	Shield	

Shield is Not Connected at Motor End



"P" Power + SFD Connector Option

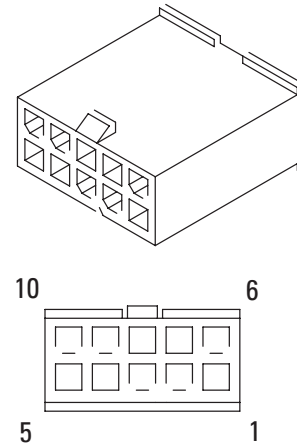
(AKM 1, 2, 3 & 4 Only - Not available for Brake Motors)

Power + SFD

Pin	Function	Color
1	SFD +5V	Red
2	SFD +5V RTN	Black
3	Power Shield	
4	Ground	Grn/Yel
5	U	Blue
6	SFD COM-	Yellow
7	SFD COM+	Blue
8	SFD COM Shield	
9	V	Brown
10	W	Violet

Power Shield Connected to Motor Ground Internal to Motor

Feedback Shield is Not Connected at Motor End



Molex® Connector-Cable Lookup Table

(AKM 1, 2, 3 & 4 Only)

Molex® Cable Mating Connectors

Cable Function	Connector Option Code	Motor Cable Connector	Motor Cable Composition	Mating Connector
Power	M	Molex 39-01-4056 (Eng No. 5559-05P3)	5-Pin Power Conector - No Brake	Molex 39-01-4050
		Molex 39-01-3083 (Eng No. 5559-08P1)	8-pin Power Connector with Brake	Molex 39-01-2080
Molex 43020-1001		8-Pin SFD	Molex 43025-1000	
Molex 43020-1001		8-Pin Resolver	Molex 43025-1000	
Molex 43020-1801		18-Pin Commutating Encoder	Molex 43025-1800	
Molex 43020-1801		18-Pin Absolute Encoder DA, DB, LA, LB	Molex 43025-1800	
Molex 43020-1801		18-Pin Absolute Encoder AA, AB	Molex 43025-1800	
Power + SFD	P	Molex 39-01-3103 (Eng No. 5559-10P1)	10-Pin Power + SFD - No Brake	Molex 39-01-2100

More Expertise for a More Successful Machine

Our global engineering, service and support network provides deep knowledge of all the major industries that rely on advanced motion control and automation technology. We offer world-class engineering expertise, self-service design tools, personalized field service, and easy access to our design, application and manufacturing centers in strategic locations across the globe.

About Kollmorgen

Kollmorgen, a Regal Rexnord brand, has more than 100 years of motion experience, proven in the industry's highest-performing, most reliable motors, drives, linear actuators, AGV (Automated Guided Vehicle) control solutions, and automation control platforms. We deliver breakthrough solutions that combine exceptional performance, reliability and ease of use, giving machine builders an irrefutable marketplace advantage.

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