

## 9.2 Connector codes 1, 2, 7, B, C, G, H, T: AKM1 - AKM8

Model	Connector code (PTC)	Connector code (KTY 84-130)
AKM1	C	7
AKM2	B, C	1, 7
AKM3 - AKM7	C	1
AKM2 - AKM6	G	-
AKM7, AKM82T	H	1
AKM8	T	2

### 9.2.1 Power

Connector codes 1, 7, B, C, G for AKM1 - AKM7

	Pin	Function	Pin	Function
	1	U	A	BR +
	⊥	PE	B	BR -
	3	W	C	n.c
	4	V	D	n.c.

Connector code 1, H for AKM7, AKM82T

	Pin	Function	Pin	Function
	U	U	+	BR +
	V	V	-	BR -
	W	W		
	⊥	PE		

Connector code 2, T for AKM8

	Terminal	Function	Terminal	Function
	U	Phase U	BR -	Brake -
	V	Phase V	BR +	Brake +
	W	Phase W	PE	Protective Earth

**9.2.2 Resolver (Feedback code R-)**

	Pin	Function	Pin	Function
	1	n.c.	7	S2, cos+
	2	TH +	8	S1, sin+
	3	S4, cos-	9	R1, ref+
	4	S3, sin-	10	n.c.
	5	R2, ref-	11	n.c.
	6	TH -	12	n.c.

**9.2.3 SFD (Feedback code C-)**

	Pin	Function	Pin	Function
	1	Up	7	n.c.
	2	0V	8	n.c.
	3	Data -	9	n.c.
	4	Data +	10	n.c.
	5	reserved (shield)	11	n.c.
	6	n.c.	12	n.c.

**9.2.4 Encoder (Feedback codes Ax, Dx, Lx, Gx)**

Model	Feedback code
AKM1	GC (Sx Drives), GD (Sx Drives)
AKM2 - AKM7	AA, AB, DA, DB, LA, LB, GA, GM (Sx Drives) / GJ (AKD Drives), GB, GN (Sx Drives) / GK (AKD Drives)

	Pin	Function	Pin	Function	Pin	Function
	1	B -	7	TH +	13	Data -
	2	0V	8	Clock +	14	TH -
	3	A -	9	B +	15	Clock -
	4	Up	10	Sense -	16	n.c.
	5	Data +	11	A +	17	n.c.
	6	n.c.	12	Sense +		

**9.2.5 ComCoder (Feedback codes 1-, 2-)**

	Pin	Function	Pin	Function	Pin	Function
	1	B +	7	0V	13	n.c.
	2	B -	8	TH +	14	n.c.
	3	A +	9	TH -	15	Hall U
	4	A -	10	Up	16	Hall V
	5	Z +	11	n.c.	17	Hall W
	6	Z -	12	n.c.		