

# AD-1612 Comparator Buzzer: Connection Table & Check List

2018/4/17

\* AD1612-14 Pole mounting bracket: Suitable for 38 to 43 mm pole width

\* AX-KO5862-N200 Loose wires: 8 wires

Model	Pole width [mm]	Required option	Relay output configuration	No. of output	Connection cable				Remark
GX/GF-A	---	GXA-04	Mini DIN 8 pins	5	AX-KO5692	Mini Din 8 pins-Loose wires	1.5m	Comes standard with GXA-04	
GX/GF	---	GX-04	DIN 7 pins	3	AX-KO507-S200	Din 7 pins-Loose wires	2m		GX-04 is a factory-installed
GX/GF-K	---	GX-04K	DIN 7 pins	3	AX-KO507-S200	Din 7 pins-Loose wires	2m		
GP	Round 22.0	GP-04	DIN 7 pins	3	AX-KO507-S200	Din 7 pins-Loose wires	2m		The pole mounting bracket does not fit
MC	---	GX-04/GX-04K/GP-04	DIN 7 pins	3	AX-KO507-S200	Din 7 pins-Loose wires	2m		GX-04 is a factory-installed
AD-4212A	---	Standard	D-Sub 25 pins female	3	To be prepared by the user			Comes standard with D-Sub 25 pins male connector	Cable needs to be made by the user as the balance is for in-line/system integration use
AD-4212A	---	AD4212A-04	D-Sub 25 pins female	5	To be prepared by the user			Comes standard with D-Sub 25 pins male connector	Cable needs to be made by the user as the balance is for in-line/system integration use
AD-4212B	---	Standard	D-Sub 25 pins female	5	To be prepared by the user			Comes standard with D-Sub 25 pins male connector	Cable needs to be made by the user as the balance is for in-line/system integration use
AD-8922A	---	AD8922A-04	DIN 8 pins	3	AX-KO507-S200 AX-KO5862-S200	Din 7 pins-Loose wires Din 8 pins-Loose wires	2m	Same pin arrangement as DIN 7 pins	
EK/EW-i	---	EKW-04i	Terminal block	3	AX-KO5862-N200	Loose wires-Loose wires	2m		
SW	Round 42.7	SW-03	Terminal block	5	AX-KO5862-N200	Loose wires-Loose wires	2m		
SC/SE	Square 40.0	SCE-03	Terminal block	3	AX-KO5862-N200	Loose wires-Loose wires	2m		
HV/HW-C	Round 43.0	HVW-04C	Terminal block	5	AX-KO5862-N200	Loose wires-Loose wires	2m		
HV/HW-CP	Round 43.0	HVW-04C	Terminal block	5	AX-KO5862-N200	Loose wires-Loose wires	2m		
HV/HW-WP	Round 43.0	HVW-03G	DIN 8 pins	3	AX-KO5862-S200	Din 8 pins-Loose wires	2m		
HV/HW-G	Round 43.0	HVW-03G	DIN 8 pins	3	AX-KO5862-S200	Din 8 pins-Loose wires	2m		
FS-i	Round 43.0	FS-03i/FS-04i	Terminal block	3	AX-KO5862-N200	Loose wires-Loose wires	2m		
FG	Square 40.0	FG-24	DIN 8 pins	3	AX-KO5862-S200	Din 8 pins-Loose wires	2m		
HC-i	---	HC-04i	DIN 8 pins	3	AX-KO5862-S200	Din 8 pins-Loose wires	2m		
FC-i/FC-Si	---	FC-04i	Terminal block	3	AX-KO5862-N200	Loose wires-Loose wires	2m		
HD	---	HD-04	DIN 7 pins	3	AX-KO507-S200	Din 7 pins-Loose wires	2m		

Cable

AX-KO5862-S200 (2m)		Loose wires	
DIN8	1	Brown	2
	2	Red	3
	3	Orange	4
	4	Yellow	5
	5	Green	6
	6	Blue	7
	7	Purple	8
	8	Gray	

AX-KO507-S200 (2m)		Loose wires	
DIN7	1	Black	2
	2	White	3
	3	Red	4
	4	Green	5
	5	Yellow	6
	6	Brown	7
	7	Blue	

AX-KO5692 (1.5m)		Loose wires	
minDIN8	1	Red	2
	2	White	3
	3	Black	4
	4	Yellow	5
	5	Blue	6
	6	Green	7
	7	Brown	8
	8	Gray	

Examples of wiring

**A AD8922A**

AD8922-04	KO5862-S200 (DIN8)	AD1612
		1 HI-2
1 HI	Brown	2 HI-1
6 OK	Blue	3 OK
4 LO	Yellow	4 LO-1
		5 LO-2
2 COM	Red	6 COM
7 DSR	Purple	7 DSR
8 RXD	Gray	8 TXD
3 TXD	Orange	9 RXD
5 GND	Green	10 GND

AD8922-04	KO507-S200 (DIN7)	AD1612
		1 HI-2
1 HI	Black	2 HI-1
6 OK	Brown	3 OK
4 LO	Green	4 LO-1
		5 LO-2
2 COM	White	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**E EK-i**

EKW-04i	KO5862-N200	AD1612
		1 HI-2
4 HI	---	2 HI-1
3 OK	---	3 OK
2 LO	---	4 LO-1
		5 LO-2
1 COM	---	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**F FC-i/Si**

FC-04i	KO5862-N200	AD1612
		1 HI-2
4 HI	---	2 HI-1
3 OK	---	3 OK
2 LO	---	4 LO-1
		5 LO-2
1 COM	---	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**FG**

FG-24JA	KO5862-S200 (DIN8)	AD1612
		1 HI-2
1 HI	Brown	2 HI-1
6 OK	Blue	3 OK
4 LO	Yellow	4 LO-1
		5 LO-2
8 COM	Gray	6 COM
7 DSR	Purple	7 DSR
2 RXD	Red	8 TXD
3 TXD	Orange	9 RXD
5 GND	Green	10 GND

FG-23JA	KO5862-S200 (DIN8)	AD1612
		1 HI-2
		2 HI-1
		3 OK
		4 LO-1
		5 LO-2
		6 COM
7 DSR	Purple	7 DSR
2 RXD	Red	8 TXD
3 TXD	Orange	9 RXD
5 GND	Green	10 GND

**FS-i**

FS-03i	KO5862-N200	AD1612
		1 HI-2
1 HI	---	2 HI-1
2 OK	---	3 OK
3 LO	---	4 LO-1
		5 LO-2
4 COM	---	6 COM
3 DSR	---	7 DSR
1 RXD	---	8 TXD
2 TXD	---	9 RXD
4 GND	---	10 GND

**G GX/F | GX/F-K**

GX-04 GX-04K	KO507-S200 (DIN7)	AD1612
		1 HI-2
1 HI	Black	2 HI-1
6 OK	Brown	3 OK
4 LO	Green	4 LO-1
		5 LO-2
2 COM	White	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**GX-A**

GXA-04	KO5692 (minDIN8)	AD1612
		1 HI-2
7 HI	Brown	2 HI-1
6 HI	Green	3 HI-1
5 OK	Blue	3 OK
3 LO	Black	4 LO-1
2 LL	White	5 LO-2
8 COM	Gray	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**GP**

GP-04	KO507-S200 (DIN7)	AD1612
		1 HI-2
1 HI	Black	2 HI-1
6 OK	Brown	3 OK
4 LO	Green	4 LO-1
		5 LO-2
2 COM	White	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**H HC-i**

HC-04i-JA	KO5862-S200 (DIN8)	AD1612
		1 HI-2
1 HI	Brown	2 HI-1
6 OK	Blue	3 OK
4 LO	Yellow	4 LO-1
		5 LO-2
8 COM	Gray	6 COM
7 DSR	Purple	7 DSR
2 RXD	Red	8 TXD
3 TXD	Orange	9 RXD
5 GND	Green	10 GND

**HVW-G | HVW-WP**

HVW-03G	KO5862-S200 (DIN8)	AD1612
		1 HI-2
1 HI	Brown	2 HI-1
6 OK	Blue	3 OK
4 LO	Yellow	4 LO-1
		5 LO-2
8 COM	Gray	6 COM
7 DSR	Purple	7 DSR
2 RXD	Red	8 TXD
3 TXD	Orange	9 RXD
5 GND	Green	10 GND

HVW-04G	KO5862-S200 (DIN8)	AD1612
		1 HI-2
6 HI	---	2 HI-1
7 OK	---	3 OK
8 LO	---	4 LO-1
		5 LO-2
9 COM	---	6 COM
		7 DSR
		8 TXD
		9 RXD
		10 GND

**S SC | SE**

SCE-03	KO5862-N200	AD1612
		1 HI-2
1 HI	---	2 HI-1
2 OK	---	3 OK
3 LO	---	4 LO-1
		5 LO-2
4 COM	---	6 COM
3 DSR	---	7 DSR
1 RXD	---	8 TXD
2 TXD	---	9 RXD
4 GND	---	10 GND

**SW**

SW-03		AD1612
		1 HI-2
5 HIH	---	2 HI-1
4 HI	---	3 OK
3 OK	---	4 LO-1
2 LO	---	5 LO-2
1 LOLO	---	6 COM
6 COM	---	7 DSR
3 DSR	---	8 TXD
1 RXD	---	9 RXD
2 TXD	---	10 GND