AD-8920A Connection Table
(Balances/Scales)

2026/9/1
A&D Company, Limited.
Marketing Division

Model		Using RS-232C						Using Current Loop					
		Connectivity	Interface		AD-8920A Standard Cable	Required Accessories	Remarks	Connectivity	Interface		AD-8920A Standard Cable	Required Accessories	Remarks
AD-4212A/AD-4212B		Yes	Standard	D-Sub25 female	D-Sub25 cable	Not required		No	None	–	–	–	
AD-4212C		Yes	Standard	Special connector	D-sub 9 cable	Supplied with AD4212C (AX-KO7796-1000) + commercially available gender changer (9-pin male-male)	Connect via a gender changer (cable-to-cable)	No	None	–	–	–	
AD-4212D		Yes	Standard	Special connector	D-sub 9 cable	Supplied with AD4212D (AX-KO7796-200) + commercially available gender changer (9-pin male-male)	Connect via a gender changer (cable-to-cable)	No	None	–	–	–	
AD-4212F		Yes	Standard	Special connector	D-sub 9 cable	Optional (AX-KO7796-xxxx) + commercially available gender changer (9-pin male-male)	Connect via a gender changer (cable-to-cable)	No	None	–	–	–	
BA/BA-T		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
BH/BH-T		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
BM		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
EJ		Yes	Optional (EJ-03)	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
EK/EK-i *1		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
EK-L		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
EK-AEP		Yes	Optional (AD-1611)	D-sub 9 male (optical)	D-sub 9 cable	Optional optical communication cable (AX-KS5456-xxx)	Optical output from device, converted to RS-232C via AD-1611	No	None	–	–	–	
EW-i		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
FC-i/FC-Si		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
FG		Yes	Optional (FG-23 or FG-24)	D-sub 9-male	D-sub 9 cable	FG-23 or FG-24		No	None	–	–	–	
FG-CWP		No	None	–	–	–		No	None	–	–	–	
FS-i		Yes	Optional (FS-03i)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)		No	None	–	–	–	
FX/FX-i		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
FX-WP/iWP	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection	No					
FZ/FZ-i		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
FZ-WP/iWP	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection	No					
GC		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
GH		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
GP	Non-waterproof connection	Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GP-04 or GP-06)	DIN 7-pin	DIN (specify at order)	Not required	
	Waterproof connection	No			–	–	No waterproof connection	No	No waterproof connection	–	–	–	No waterproof connection
GR		Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		No	None	–	–	–	
GX/GF		Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GX-04 or GX-06)	DIN 7-pin	DIN (specify at order)	Not required	
GX-A/GX-AE/GF-A		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
GX-AWP/GF-AWP	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection						
GX-K/GF-K	Non-waterproof connection	Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GX-04K or GX-06K)	DIN 7-pin	DIN (specify at order)	Not required	
	Waterproof connection	Yes			D-sub 9 cable	Optional (GX-07K) + commercially available gender changer (9-pin male-male)	Connect via a gender changer (cable-to-cable)	No	No waterproof connection	–	–	–	No waterproof connection
GX-M/GF-M	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection						
GX-L/GF-L	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection						
HC-i		Yes	Optional (HC-03ior HC-04i)	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
HD		Yes	Optional (HD-03)	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (HD-05)	DIN 7-pin	DIN (specify at order)	Not required	
HR-A/AZ		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
HR-i		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
HV-C/CP		Yes	Optional (HVW-03C)	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
HV-CWP		Yes	Optional (HVW-03CWP)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)	Direct cable-to-cable connection	No	None	–	–	–	
HW-C/CP		Yes	Optional (HVW-03C)	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
HW-CWP		Yes	Optional (HVW-03CWP)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)	Direct cable-to-cable connection	No	None	–	–	–	
MC-1000/6100		Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GX-04 orGX-06)	DIN 7-pin	DIN (specify at order)	Not required	
MC-10K/30K	Non-waterproof connection	Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GX-04K or GX-06K)	DIN 7-pin	DIN (specify at order)	Not required	
	Waterproof connection *2	Yes			D-sub 9 cable	Optional (GX-07K) + commercially available gender changer (9-pin male-male)	Connect via a gender changer (cable-to-cable)	No	No waterproof connection	–	–	–	
MC-100KS	Non-waterproof connection	Yes	Standard	D-sub 25-female	D-Sub25 cable	Not required		Yes	Optional (GP-04 or GP-06)	DIN 7-pin	DIN (specify at order)	Not required	
	Waterproof connection *2	No			–	–	No waterproof connection	No	No waterproof connection	–	–	–	No waterproof connection
MC-A		Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
MC-M	Non-waterproof connection	Yes	Standard	D-sub 9-male	D-sub 9 cable	Not required		No	None	–	–	–	
	Waterproof connection *2	Yes				Optional (AX-KO7695-500)	Direct cable-to-cable connection						
SC		Yes	Optional (SCE-03)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)	Direct cable-to-cable connection	No	None	–	–	–	
SE		Yes	Optional (SCE-03)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)	Direct cable-to-cable connection	No	None	–	–	–	
SJ-WP-BT		No	None	–	–	–		No	None	–	–	–	
SW		Yes	Optional (SW-03)	Terminal block	D-sub 9 cable	Optional (AX-KO7374-200)	Direct cable-to-cable connection	No	None	–	–	–	
AD-1690		No	Standard	D-sub 9-male	–	–	Unsupported data format	No	None	–	–	–	
AD-8922A		Yes	Standard	DIN 8 pins	DIN (specify at order)	Not required	Set AD8922A to Through mode	No	None	–	–	–	
AD-8923-CC/BCD		No	None	–	–	–		No	None	–	–	–	
RV/RV-A		No	Standard	D-sub 25-female	–	–	Unsupported data format	No	None	–	–	–	
SV/SV-A		No	Standard	D-sub 25-female	–	–		No	None	–	–	–	
MS-70/MX-50/MF-50/ML-50		No	Standard	D-sub 25-female	–	–	Unsupported data format	No	None	–	–	–	
MS-74A(T)/MX-53A(T)/ MF-53A/ML-53A		No	Standard	D-sub 9-male	–	–		No	None	–	–	–	

Display capacity: Up to 7 digits. If an 8-digit value is received, the least significant 7 digits are displayed.

*1: Discontinued models (EK-A, EK-G, EK-EP, EK-H, EK-HR) are not included.
*2: The balance/scale is waterproof; however, the AD8920A and cable connections are not waterproof.

Settings on the balance/scale side:
Data output mode: Set to Stream mode.
Baud rate: Set to one of the following: 600, 1200, 2400, or 9600 bps. (The baud rate is automatically detected by the AD8920A.) Other baud rate settings are not supported.
Data format: Set to the A&D standard format. Multiple numeric data outputs are not supported. For models that can output multiple numeric values (e.g., unit weight and quantity), configure the output to a single data type only.