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A&D Company, Limited.
Marketing Division

AD-8129TH Connection Table for Balances, Scales, and Others

Category	Series/Model	Connectivity	RS232C output interface (Option name if required)		RS-232C connection cable (Option name if required)	Remarks
Balance/Scale	BA-T/BA	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	BH-T/BH	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	BM	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	GH	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	HR-i	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	GR	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	HR-AZ/HR-A	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	GX/GF	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	GX-04/GX-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	GX-A/GF-A	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	GX-AWP/GF-AWP	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	GX-K/GF-K	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P(non-waterproof): AX-KO2116-090 (sold separately) OR D-Sub25P-9P(waterproof): GX-07K (sold separately)	GXK-04/GXK-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	GX-M/GF-M	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	GX-L/GF-L	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	GP	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	GP-04/GP-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	FZ-i/FX-i	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	FZ/FX	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	FZ-iWP/FX-iWP	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	FZ-WP/FX-WP	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	MC-1000/6100	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	GX-04/GX-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	MC-10K/30K	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P(non-waterproof): AX-KO2116-090 (sold separately) OR D-Sub25P-9P(waterproof): GX-07K (sold separately)	GXK-04/GXK-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	MC-100KS	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	GP-04/GP-06: current loop output is optional. (separately-sold current loop cable AX-KO5291-100 is required).
	MC-A	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	MC-M	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: AX-KO2737-500EX (sold separately, waterproof)	It can be connected using the standard cable included with the printer, but it is not waterproof. Waterproof cable for the balance side: AX-KO2737-500EX.
	EK	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	EK-L	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	EK-AEP	Yes	D-Sub9P (male)	Option (AD-1611 and AX-KS5456-xxx)	D-Sub9P-9P: Comes with the printer as standard	Via optical communication adapter AD-1611 (a separate optical cable AX-KS5456-xxx is required to connect EK-AEP and AD-1611). External key printing mode cannot be used.
	EJ	Yes	D-Sub9P (male)	Option (EJ-03)	D-Sub9P-9P: Comes with the printer as standard	
	EK-i/EW-i	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	AD-4212A/AD-4212B	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	AD-4212C	Yes	DIN	Option (AD-8922A)	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	External controller AD-8922A is required. AD-4212C and AD-8922A can be connected using the standard cable included with AD-4212C. AD-8922A (DIN8-pin) and AD-8129TH must be connected using optional cable AX-KO1786-200.
	AD-4212D	Yes	DIN	Option (AD-8922A)	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	External controller AD-8922A is required. AD-4212D and AD-8922A can be connected using the standard cable included with AD-4212D. AD-8922A (DIN8-pin) and AD-8129TH must be connected using optional cable AX-KO1786-200.
	AD-4212F	Yes	DIN	Option (AD-8922A and AX-KO7796-xxx)	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	External controller AD-8922A is required. AD-4212F and AD-8922A must be connected using optional cable AX-KO7796-xxx. AD-8922A (DIN8-pin) and AD-8129TH must be connected using optional cable AX-KO1786-200.
	SW	Yes	Terminal block	Option (SW-03)	Terminal block-D-Sub9P: AX-KO3285-320 (sold separately)	
	SC/SE	Yes	Terminal block	Option (SCE-03)	Terminal block-D-Sub9P: AX-KO3285-320 (sold separately)	
	HV-C/HW-C	Yes	D-Sub9P (male)	Option (HVW-03C)	D-Sub9P-9P: Comes with the printer as standard	
	HV-CWP/HW-CWP	Yes	Terminal block	Option (HVW-03CWP)	Terminal block-D-Sub9P: AX-KO3285-320 (sold separately)	
	HV-WP/HW-WP	Yes	DIN	Standard	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	
	HV-G/HW-G	Yes	DIN	Standard	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	
	FS-i	Yes	Terminal block	Option (FS-03i)	Terminal block-D-Sub9P: AX-KO3285-320 (sold separately)	
	FG	Yes	DIN	Option (FG-23)	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	
	FG-CWP/FG-ACWP	No				Connection unavailable
	HC-i	Yes	DIN	Option (HC-03i)	DIN-D-Sub9P: AX-KO1786-200 (sold separately)	
	FC-i/FC-Si	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	HD	Yes	D-Sub25P (female)	Option (HD-03)	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	GC	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	Printing is only possible in manual mode when using AD-8561-MI04.
Viscometer	SV/SV-A	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	RV/RV-A	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
Moisture Analyzer	MS/MX/MF/ML	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	MS-74AT/MX-53AT	Yes	D-Sub9P (female)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	MS-74A/MX-53A/MF-53A/ML-53A	Yes	D-Sub9P (female)	Standard	D-Sub9P-9P: Comes with the printer as standard	
Pipette-related	AD-4212A-PT	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	AD-4212B-PT	Yes	D-Sub25P (female)	Standard	D-Sub25P-9P: AX-KO2116-090 (sold separately)	
	FXi-PT	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	
	AD-1690	Yes	D-Sub9P (male)	Standard	D-Sub9P-9P: Comes with the printer as standard	

Note) Models not listed here have not been verified. * Models used with the AD-8121B or AD-8127 should generally be compatible with the AD-8129TH. However, models that were used the AD-8121 (predecessor to the AD-8121B) may not operate with the AD-8129TH.