

LOAD CELL Wiring Guide

Quickly reference which wires represent signal, excitation and sense lines for many load cell brands and models.

MANUFACTURER	MODELS	EXCITATION		SIGNAL		SENSE		SHIELD	
		+	-	+	-	+	-		
ALLEGANY TECHNOLOGY	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Green	● Black	● Red	○ White	X	X	● Bare	
ARTECH	VARIOUS COLOR CODE COMBINATIONS AVAILABLE								
COTI GLOBAL	VARIOUS COLOR CODE COMBINATIONS AVAILABLE								
BEOWULF	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Green	● Black	○ White	● Red	X	X	● Bare	
VPG BLH	C2P1, C3P1, T2P1, T3P1	● Green	● Black	○ White	● Red	X	X	● Yellow	
CARDINAL	CB6, SCA, LFB, SB, SP	● Green	● Black	● Red	○ White	X	X	● Bare	
	DB, TSP, TB	● Red	● Black	● Green	○ White	X	X	● Bare	
VPG CELTRON	PSD, SEB, LCD, CSB, DSR, DSR-HSS, LOC, SQB, SQB-HSS, STC, STC SS, LPS, STC-HSS, CLB, DLB, HTC SS, MBB, MDB, HOC	● Red	● Black	● Green	○ White	X	X	● Bare	
	HBB	● Red	● Black	● Green	○ White	● Brown	● Yellow	● Bare	
DIGI TERAOKA	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	○ White	● Green	● Yellow	● Blue	● Orange	● Bare	
DILLON	Canister Cell, Tension	● Green	○ White	● Black	● Red	X	X	● Orange	
	Compression	○ White	● Green	● Black	● Red	X	X	● Orange	
	Z-Cell	● Red	● Black	○ White	● Green	X	X	● Orange	
ELECTROSCALE	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	● Black	● Green	○ White	X	X	● Bare	
FLINTEC	PC1, PC6, RC1, SB4, SB5, SB6, SB14, SLB, UB1, UB6, SB10, PB, PCB, BK2, RC3, PC3	● Green	● Black	○ White	● Red	X	X	● Yellow	
	PC2, PC7, PC4	● Green	● Black	○ White	● Red	● Blue	● Brown	● Yellow	
GSE	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	● Black	○ White	● Green	X	X	● Bare	
HBM	BLC, BLF, JRT, PWS, RSC, SBF, SB3, USB, U1T, H35, THC, BBS, PWS	● Green	● Black	○ White	● Red	X	X	● Yellow	
	PLC, B35, A35, S35	● Red	● Black	● Green	○ White	X	X	● Yellow	
	SP10, PWSM	● Green	● Black	○ White	● Red	● Orange	● Blue	● Yellow	
	PW12, PW16, C16A, PW15AH, PW15, Z6, SP4, SP4M	● Blue	● Black	○ White	● Red	● Green	● Grey	● Bare	
INTERFACE	SSM, 1200, 3200, SML, WMC Miniature	● Red	● Black	● Green	○ White	X	X	● Bare	
		● Red	● Black	○ White	● Green	X	X	● Bare	
KUBOTA	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	○ White	● Green	● Blue	X	X	● Yellow	
METTLER TOLEDO	VARIOUS COLOR CODE COMBINATIONS AVAILABLE								
NATIONAL	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Green	● Black	○ White	● Red	X	X	● Yellow	
NCI	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	● Black	○ White	● Green	X	X	● Bare	
VPG REVERE	62U, 63U, 363, 953, 9523, 9363, 92, 93, 42U, 43U, 263D, 462, 5102, 5103, 5123, 5223, 5723, 6762, 9102, 9103, 9123, 9523, 9223, 9803, 9323, 9423	● Red	● Black	● Green	○ White	X	X	● Bare	
	392B, 642, 652, 692B, BSP, HPS, HPSM, USP1	● Green	● Black	○ White	● Red	X	X	● Bare	
	792, 933, ASC, CP, CSP, SHB, SSB	● Pink	○ Grey	● Brown	○ White	X	X	● Bare	
	RLC ACB	● Green	● Black	○ White	● Red	● Yellow	● Blue	● Bare	
RICE LAKE WEIGHING SYSTEMS	RL20000I, RL20000SS, RL20000ST, RL20001, RL20001HE, RLETS, RL30000I, RL32019S-HE, RL32018, RL32018S, RL32018S-HE, RL30002, RL35023, RL35023S, RL35082, RL35083, RL39123, RL39523, RL50210, RL72020, RL72020SS, RL72020P, RL75016SS-W, RL75058-LP, RL75058S-LP, RL50210SS, RL70000, RL75016, RL75016SS, RL75040, RL75058I, RL75060S, RL75223, RL90000, RLETB, RLHSS, RLMK4, RL75016WHE, RL60040SS, RLS3030, RLS1000, RL70000SS, RL71000HE, RL32218S-HE, RL32018S-P, RL50219SS, RL72019SS	● Red	● Black	● Green	○ White	X	X	● Bare	
	RLDB50000S, RL2200, RL2200SS	● Red	● Black	○ White	● Green	X	X	● Bare	
	RLMK15, RLMK21, RL72010MH	● Red	● Black	● Green	○ White	X	X	● Orange	
	RLMK1	● Red	● Black	○ White	● Green	● Yellow	● Blue	● Orange	
	RL1521A, RLFLS, RL26018A	● Green	● Black	● Red	○ White	X	X	● Bare	
	RL40BBS, RL8LC, RLSB2, RLSB2L, RLSB2M, RLSB2MLW, RLSB250, RLSB250T, RLSSB, RL9000TWM, RL9000TWM-HT, RL75114, RLSCA, RLBLP, RL32011WB-L, RL32011WB-T, RL2010, RL32018-T, RL32018S-T	● Green	● Black	○ White	● Red	X	X	● Bare	
	RL8C2P1SST, RLCSP1, RL75000SS	● Green	● Black	○ White	● Red	X	X	● Orange	
	RL1380, RL1385, RLH35, RL30745, RL70510, RL80453, RLP6C, RLP3C3S, RL1010, RL1040, RL1042, RL1140, RL1250, RL1260, RLPWM12, RLPWM16	● Green	● Black	● Red	○ White	● Blue	● Brown	● Bare	
	RLSP4	● Green	● Black	● Red	○ White	● Blue	● Brown	● Yellow	
	RLPCB-60, RLP4C4SS-HE	● Green	● Black	○ White	● Red	● Blue	● Brown	● Yellow	
	RLHBB, RLHTO, RLPWM15HE, RLPWM15	● Blue	● Black	○ White	● Red	● Green	○ Grey	● Bare	
	RL9018SS	● Blue	● Black	○ White	● Red	● Green	● Yellow	● Bare	
	RL32155	○ White	● Blue	● Green	● Black	● Yellow	● Red	● Orange	
	RL42018A, RL1218A, RL260FD	● Green	● Black	● Red	○ White	● Blue	● Yellow	● Bare	
	SENSOTEC	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	● Black	○ White	● Green	X	X	● Bare
	VPG SENSORTRONICS	60001, 60008, 60018, 60030, 60036, 60040, 60048, 60048SS, 60050, 60051, 60060, 60063, 65007, 65016, 65016A, 65016SS, 65016W, 65016WH, 65023A, 65023S, 65023SS, 65024, 65040A, 65040S, 65058A, 65058S, 65061A, 65083, 65083S, 65114	● Red	● Black	● Green	○ White	X	X	● Bare
		60007, 60064	● Green	● Black	○ White	● Red	X	X	● Bare
65088		● Green	● Black	○ White	● Red	X	X	● Orange	
STRAINSERT	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Red	● Black	● Green	○ White	X	X	● Bare	
VPG TEDEA-HUNTLEIGH	4158	● Red	● Black	● Green	○ White	X	X	● Bare	
	3411, 3421	● Red	● Black	● Green	○ White	● Blue	● Brown	● Bare	
	120, 240, 1010, 1015, 1040, 1042, 1140, 1142, 1250, 1260, 1320, 605, 1030, 1240, 1241, 9010, 1130, 1030, 1510, 1260S	● Green	● Black	● Red	○ White	● Blue	● Brown	● Bare	
	220, 355, 620, 3510	● Blue	● Black	○ White	● Red	● Green	○ Grey	● Bare	
WEIGH-TRONIX	VARIOUS COLOR CODE COMBINATIONS AVAILABLE	● Green	● Black	● Red	○ White	X	X	● Bare	



230 W. Coleman St. • Rice Lake, WI 54868 • USA
 TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com

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