

# 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	● Red	● Black	● Green	○ White	X	X	● Bare
	SML, WMC Miniature	● 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							
MEASUREMENT SPECIALISTS	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, 792, 933, ASC, CP, CSP, SHB, SSB	● Green	● Black	○ White	● Red	X	X	● Bare
	RLC	● Pink	○ Grey	● Brown	○ White	X	X	● Bare
	ACB	● Green	● Black	○ White	● Red	● Yellow	● Blue	● Bare
RICE LAKE WEIGHING SYSTEMS	RL200001, RL20000SS, RL20000ST, RL20001, RL20001HE, RLETS, RL300001, 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, RL750581, RL75060S, RL75223, RL90000, RLETB, RLHSS, RLMK4, RL75016WHE, RL60040SST, RL3030, RL51000, 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, RL32022, RL32022S	● Green	● Black	● Red	○ White	X	X	● Bare
	RL40BBS, RLBLC, 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, RLPC3SS	● Green	● Black	○ White	● Red	X	X	● Yellow
	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, RLPC4SS-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, RL26018A	● 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
STRAINERT	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
	1263, 380, 1022	● Green	● Black	● Red	○ White	X	X	● Bare
WEIGH-TRONIX	VARIOUS COLOR CODE COMBINATIONS AVAILABLE							



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