

# Wiring Guide

Easily verify which wire colors represent excitation, signal, sense and shield lines for a range of load cell brands and models.

MANUFACTURER	MODELS	EXCITATION		SIGNAL		SENSE		SHIELD	
		+	-	+	-	+	-		
ARTECH	Standard color code listed, other combinations may be available	● Red	● Black	● Green	○ White	X	X	● Bare	
CARDINAL	CB6, SCA, LFB, SB, SP	● Green	● Black	● Red	○ White	X	X	● Bare	
	DB, TSP, TB	● Red	● Black	● Green	○ White	X	X	● Bare	
	HBB	● Red	● Black	● Green	○ White	● Brown	● Yellow	● Bare	
COTI GLOBAL	Standard color code listed, other combinations may be available	● Green	● Black	○ White	● Red	X	X	○ Yellow	
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	
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	
HBK	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, PW15, Z6, SP4, SP4M	● Blue	● Black	○ White	● Red	● Green	○ Grey	● Bare	
INTERFACE	PW15AH	● Blue	● Black	○ White	● Red	● Green	○ Grey	○ Yellow	
	SSM, 1200, 3200	● Red	● Black	● Green	○ White	X	X	● Bare	
	SML, WMC Miniature	● Red	● Black	○ White	● Green	X	X	● Bare	
RICE LAKE WEIGHING SYSTEMS	RL200001, RL20000SS, RL20000ST, RL20001, RL20001HE, RLETS, RL300001, RL32019S-HE, RL32018, RL32018 MLC Coated, RL32018S, RL32018S-HE, RL30002, RL35023, RL35023S, RL35023S MLC Coated, RL35082, RL35083, RL39123, RL39523, RL50210, RL72020, RL72020SS, RL72020 MLC Coated, RL75016SS-W, RL75058-LP, RL75058S-LP, RL50210SS, RL70000, RL75016, RL75016 MLC Coated, RL75016SS, RL75040, RL75058I, RL75060S, RL75223, RL77032, RL77032 MLC Coated, RL77032SS, RL77032SS-HE, RL90000, RLETB, RLHSS, RLMK4, RL75016WHE, RL60040SST, 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, 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, RLCSPI1, 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, RL82021	● Green	● Black	● Red	○ White	● Blue	○ Yellow	● Bare	
	VPG BLH	C2P1, C3P1, T2P1, T3P1	● Green	● Black	○ White	● Red	X	X	○ Yellow
	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
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	
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	
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	



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