

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
	PW15AH	● Blue	● Black	○ White	● Red	● Green	○ Grey	● Yellow
INTERFACE	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, RL60040SS, 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, RLBL, RLSB2, 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, RLCSPI, RL75000SS	● Green	● Black	○ White	● Red	X	X	● Orange
	RL1380, RL1385, RLH35, RL30745, RL70510, RL80453, RLPC6, 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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