



# Industrial Weighing Systems

9 Richmond St. Picton, ON Canada K0K 2T0

Ph: 613-786-0016 Cell/Local: 613-921-0397 Fax: 613-476-5293

E-mail [info@iwsystems.ca](mailto:info@iwsystems.ca)

Website: [www.iwsystems.ca](http://www.iwsystems.ca)

Manufacturer	Load cell model	Excitation		Signal		Shield	Signal Wires	
		EXC +	EXC -	SIG +	SIG -		EXC +	EXC +
Advanced Transducers		RED	BLACK	GREEN	WHITE	BARE		
Allegany Technology		GREEN	BLACK	RED	WHITE	BARE		
Artech		RED	BLACK	GREEN	WHITE	BARE		
Beowulf		GREEN	BLACK	WHITE	RED	BARE		
Cardinal		GREEN	BLACK	WHITE	RED	YELLOW		
Digi Teraoka		RED	WHITE	GREEN	YELLOW	BARE	BLUE	ORANGE
Dillon	Tension canister cells	GREEN	WHITE	BLACK	RED	ORANGE		
	Compression cells	WHITE	GREEN	BLACK	RED	ORANGE		
	Z-cell	RED	BLACK	WHITE	GREEN	ORANGE		
Electroscale		RED	BLACK	GREEN	WHITE	BARE		
Flintec, (Flintab)	PC1, PC2, PC6, RC1, SB4, SB5, SB6, SB14, SLB, UB1, UB6, SB10, PCB, BK2, RC3	GREEN	BLACK	WHITE	RED	YELLOW		
Force Measurement		RED	BLACK	GREEN	WHITE	BARE		
GSE		RED	BLACK	WHITE	GREEN	BARE		
HBM	BLC, BLF, JRT, PWS, RSC, SBF, SB3, USB, U1T, Z6, H35, S35	GREEN	BLACK	WHITE	RED	YELLOW		
	BBS	GREEN	BLACK	WHITE	RED	BARE		
	PLC, B35	RED	BLACK	GREEN	WHITE	YELLOW		
	PW12, PW16	BLUE	BLACK	WHITE	RED	YELLOW	GREEN	GREY
	SP4, SP10	GREEN	BLACK	WHITE	RED	YELLOW	ORANGE	BLUE
Interface	SSM, 1200, 3200	RED	BLACK	GREEN	WHITE	BARE		
Kubota		RED	WHITE	GREEN	BLUE	YELLOW		
Mettler Toledo		GREEN	BLACK	WHITE	RED	YELLOW		
National		GREEN	BLACK	WHITE	RED	YELLOW		
NCI		RED	BLACK	WHITE	GREEN	BARE		
Pennsylvania		ORANGE	BLUE	GREEN	WHITE	BARE		



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		EXC +	EXC -	SIG +	SIG -		EXC +	EXC -
Phillips/GWT		RED	BLUE	GREEN	GREY	BARE		
Rice Lake Weighing Systems	RL20000, RL20000SS, RL20001, RL20001HE, RL30000, RL35023, RL35023S, RLHSS RL35082, RL35083, RL39123, RL39523, RL50210, RL65044, RL70000, RL75016, RL75016SS, RL75040A, RL75058, RL75060, RL75223, PL90000, RLETB, RLETS, RLM4K, RL2000ST	RED	BLACK	GREEN	WHITE	BARE		
	RL70000SS, RL71000HE, RL75016HE, RLMK15, RLMK21, RL75016	RED	BLACK	GREEN	WHITE	BARE		
	RLMK1	RED	BLACK	WHITE	GREEN	ORANGE	YELLOW	BLUE
	RL1521	RED	BLUE	GREEN	WHITE	BARE		
	RL40BBS, RLBLC, RLSB2, RLSB2L, RLSB2M, RLSB250, RLSSB, RLKIS	GREEN	BLACK	WHITE	RED	BARE		
	RL8C2P1SS, RLCSP1, RL75000SS, RL30745	GREEN	BLACK	WHITE	RED	ORANGE		
	RL1380, RL1385	GREEN	BLACK	WHITE	RED	YELLOW		
	RL1010, RL1040, RL1042, RL1140, RL1250, RL1260	GREEN	BLACK	RED	WHITE	BARE	BLUE	BROWN
	RLHBB, RLHTO	BLUE	BLACK	WHITE	RED	BARE	GREEN	GREY
	RL32155	WHITE	BLUE	GREEN	BLACK	ORANGE	YELLOW	RED
Sensotec		RED	BLACK	WHITE	GREEN	BARE		
Strainsert		RED	BLACK	GREEN	WHITE	BARE		
Vishay Sensortronics	60001, 60008, 60030, 60036, 60040, 60048, 60048SS, 60050, 60051, 60060, 60060-0101, 60063, 65007, 65016, 65016SS, 65016W, 65023, 65023S, 65023SS, 65024, 65040A, 65040S, 65058, 65058S, 65061A, 65083S, 65114	RED	BLACK	GREEN	WHITE	BARE		
	60007, 60064	GREEN	BLACK	WHITE	RED	BARE		
	65088-1000, 65088-1114	GREEN	BLACK	WHITE	RED	ORANGE		
Vishay Tedeo-Huntleigh	4158	RED	BLACK	GREEN	WHITE	BARE		
	3411, 3421	GREEN	BLACK	RED	WHITE	BARE	BLUE	BROWN
	240, 1010, 1022, 1040, 1042, 1140, 1250, 1260, 1320, 9010, 605, 1030, 1240, 1241	GREEN	BLACK	RED	WHITE	BARE	BLUE	BROWN
	355, 620, 3510	BLUE	BLACK	WHITE	RED	BARE	GREEN	GREY



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		EXC +	EXC -	SIG +	SIG -		EXC +	EXC +
Vishay BLH	C3P1, T3P1, U3G1, C2P1, T2P1, U3SB, C2G1,	GREEN	BLACK	WHITE	RED	YELLOW		
	KIS, Z-Blok, KDH Code normally printed on cable, wires are solid (top) with stripe (bottom) For BLH cells with no stripe. use above code.	SOLID	BLACK	SOLID	SOLID	BARE		
		STRIPE	BLACK	STRIPE	STRIPE			
Vishay Nobel	KIS, KIM, KOS, KOSD, Code normally printed on cable, wires are solid (top) with stripe (bottom)	SOLID	BLACK	SOLID	SOLID	BARE		
		STRIPE	BLACK	STRIPE	STRIPE			
	For BOFORS/NOBEL cells with no stripe	RED	BLACK	GREEN	WHITE	BARE		
Weigh-Tronix	Note: shield is white/Orange	GREEN	BLACK	WHITE	RED	W /	0	

Manufacturer Colour Code Assignment is for most models, refer to calibration certificate supplied with your cells,

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