



LEVEL / LEAK MONITORS 810

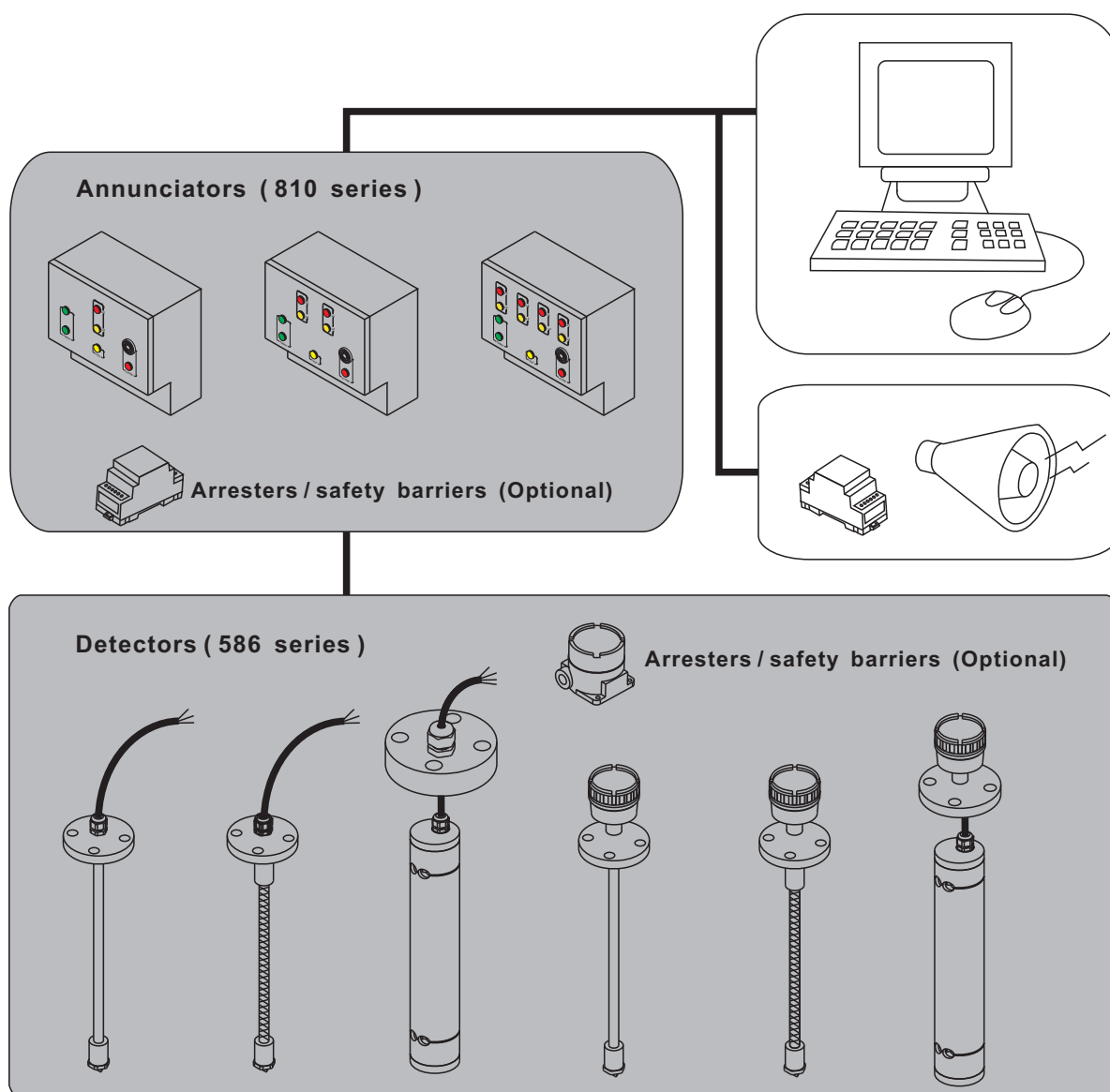
ELECTRO-OPTIC TYPE LEVEL SENSOR

FEATURES

- EASY FOR INSTALLATION
- RELAY OUTPUT / RS485 COMMUNICATION FOR OPTIONS
- HIGH REALIABILITY & ACCURACY
- SIMULTANEOUS FEEDBACK WITH ANNUNCIATORS & DETECTORS
- IP65 WEATHERPROOF ANNUNCIATOR ENCLOSURE
- ARRESTER CAN BE ADDED FOR PROTECTION OF ELECTRONIC DEVICES
- SAFETY BARRIER CAN BE ADDED TO ENABLE INTRINSICALLY SAFE SYSTEM



SYSTEM CONFIGURATIONS

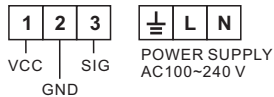


SPECIFICATIONS

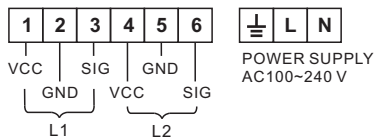
■ INPUT SIGNAL	Electro-optic switches
■ POWER SUPPLY	100~260V AC 50/60Hz
■ POWER TO SENSOR	5V DC @20 mA
■ DISPLAY FUNCTIONS	Audible alarm_ 80dB Red light_high alarm Amber light_low alarm Green light_power on Green button_power switch Red button_turn off buzzer
■ RELAY OUTPUT	SPDT 5A 250V AC(optional)
■ COMMUNICATION	RS485 (optional)
■ ENCLOSURE	IP65 or optional
■ OPERATING TEMP.	-5°C~+60°C
■ DIMENSION	300 x 280 x 160mm
■ MOUNTING	Wall or DIN rail (35mm)
■ WEIGHT	Approx. 3kg (2-points)

WIRING CONNECTIONS

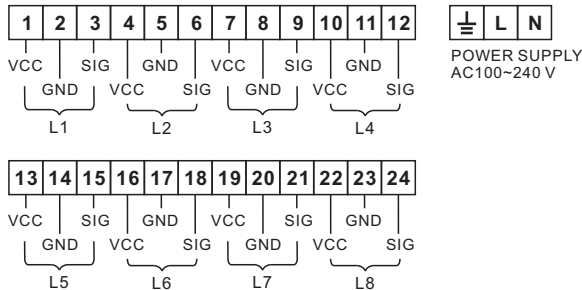
810A-1



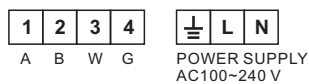
810A-2



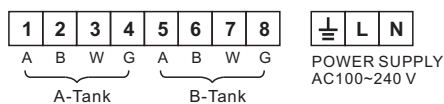
810A-8



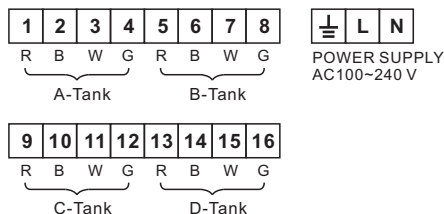
810B-2



810B-4



810B-8

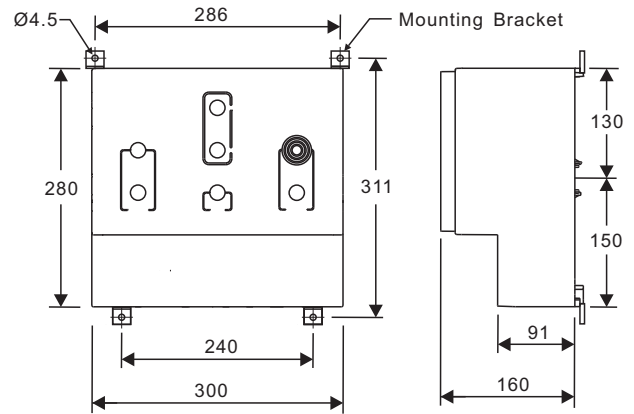


OPTIONAL



DIMENSIONS

Unit : mm

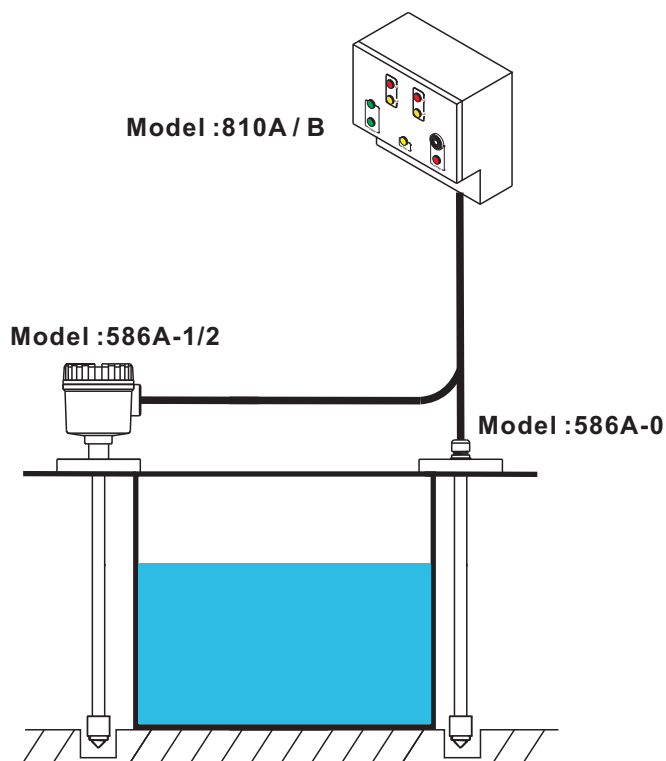


MODEL SELECTIONS

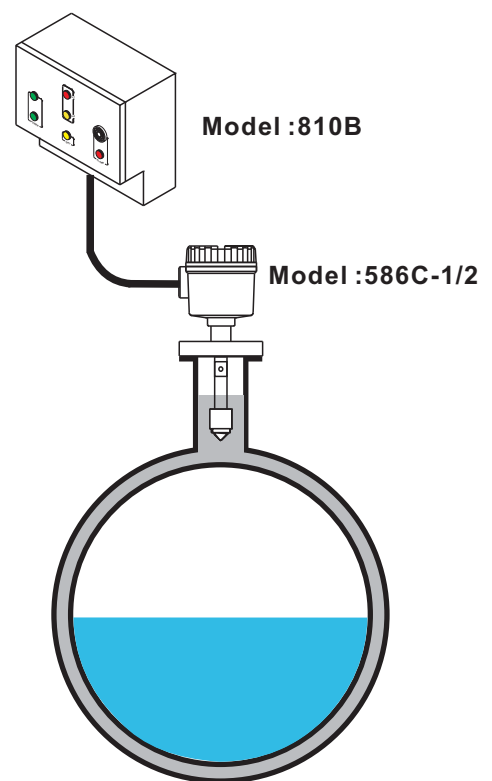
ITEMS	CODE	SPECIFICATIONS	
① MODEL	810A	Annunciator for level monitoring	
	810B	Annunciator for leak monitoring	
	810C	To be specified	
② INPUT POINTS	CODE	810A	810B
	— 1	1-point	
	— 2	2-points	2-points / Detector
	— 3	3-points	
	— 4	4-points	4-points / 2 Detectors
	— 5	5-points	
	— 6	6-points	6-points / 3 Detectors
	— 7	7-points	
	— 8	8-points	8-points / 4 Detectors
	— X	To be specified	
③ RELAY OUTPUT	0	Not required (St'd)	
	1	SPDT 5A 250V AC	
	2	To be specified	
④ COMMUNICATION	0	Not required (St'd)	
	1	RS-485	
⑤ POWER SUPPLY	— A	AC100~260 V 50/60Hz	
	— B	To be specified	
⑥ HOUSING MATERIAL	A	ABS (St'd) enclosure	
	B	PC enclosure	
	C	Steel enclosure w/epoxy painted	
	D	To be specified	
⑦ MOUNTING	A	Wall mounting (St'd)	
	B	DIN rail (35mm)	
	C	To be specified	
⑧ SYSTEM AUXILIARY (optional)	A	Not required	
	B	Safety barrier (indoor / outdoor)	
	C	Arrester (indoor / outdoor)	
	D	To be specified	

APPLICATIONS OF 810 & 586 SERIES

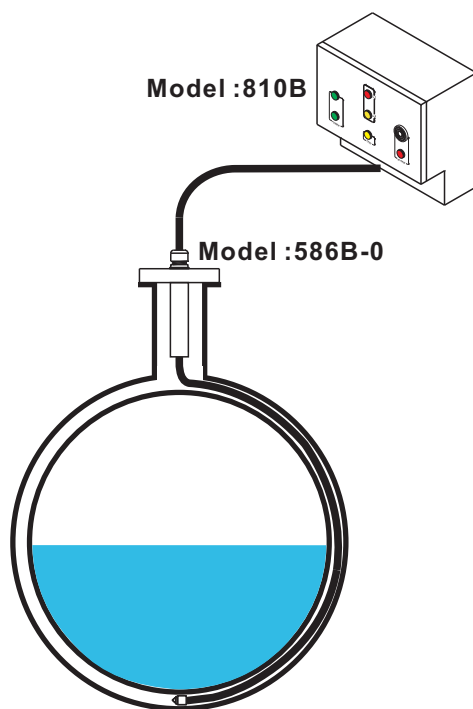
FOR SUMP PITS



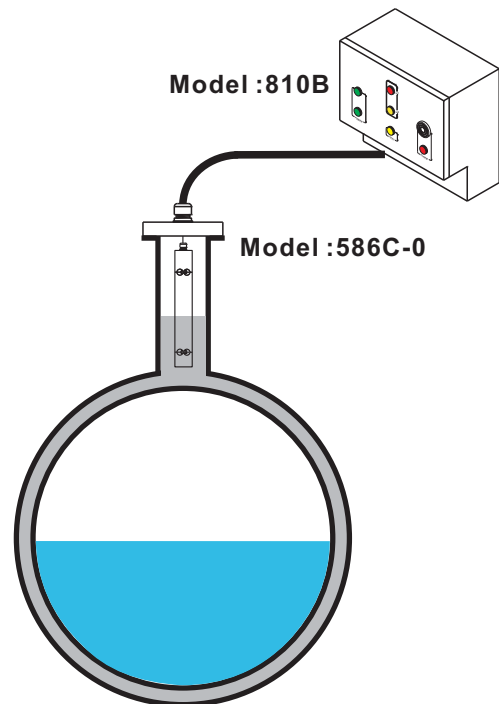
FOR BRINE-FILLED DOUBLE-WALL TANK



FOR DRY DOUBLE-WALL TANK



FOR BRINE-FILLED DOUBLE-WALL TANK



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01C-810-1631-03A

The specifications are subject to change without prior notice.