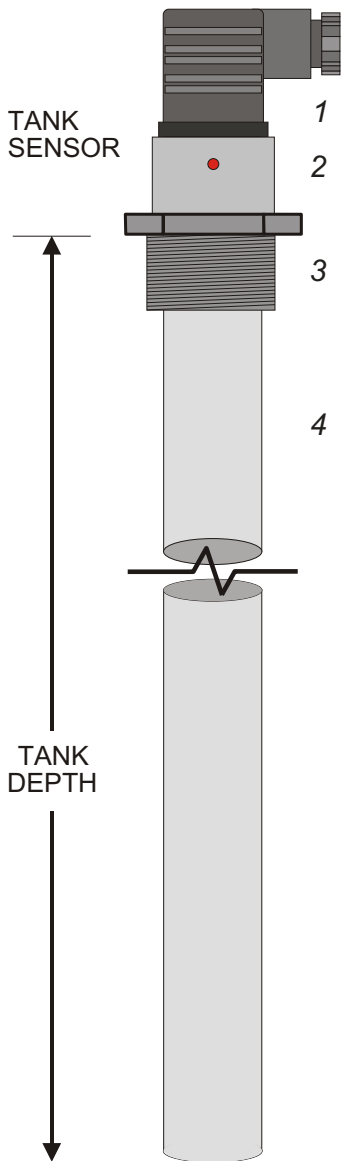


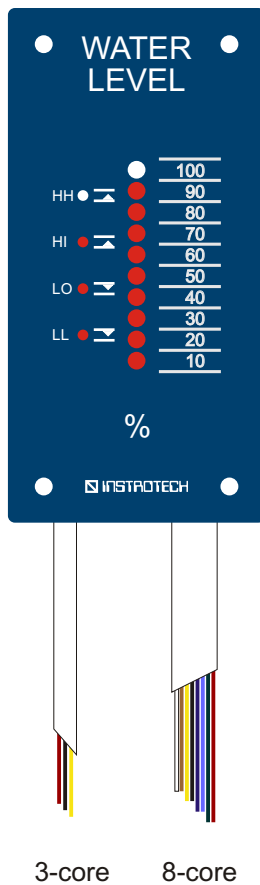
MODEL 1684-10L

Water tank level sensor and 10-point indicator controller



3-core cable to indicator controller

- ☑ 1 = 3-pin DIN43650 connector and plug
- ☑ 2 = PVC cap with flashing LED indicator
- ☑ 3 = 25mm (1" BSP) male PVC thread with hex nut
- ☑ 4 = 27mm diameter sensor to suit tank depth



- ☑ No floats or moving parts
- ☑ Non-corrosive materials
- ☑ Microprocessor control
- ☑ Self-integrity checking
- ☑ Sunlight viewable LED displays
- ☑ Easy to fit to new or existing tanks
- ☑ Panel, surface or rail mount displays
- ☑ Fully encapsulated electronics
- ☑ 4 S/P N/O relay outputs
- ☑ Automatic overcurrent protection
- ☑ C-Tick EMC / EMI compliant
- ☑ Made in Australia

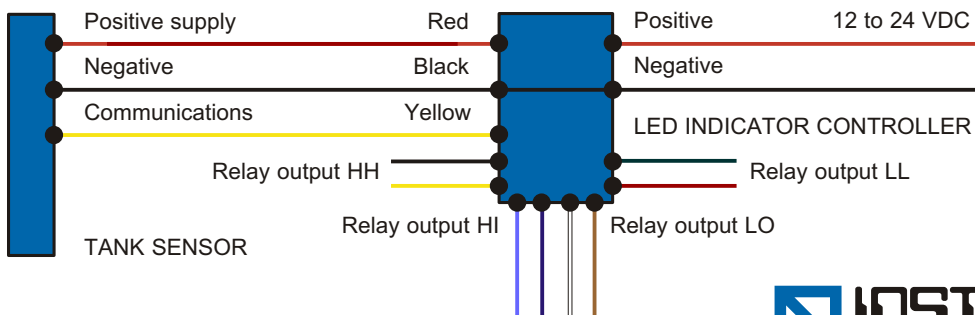
LED INDICATOR CONTROLLER

[panel mount shown]

[NTS - approximately 46% of full size]

Instrotech Australia Pty Ltd
 PO Box 3137 Newton SA 5074
 email: info@instrotech.com.au
www.instrotech.com.au
 Tel (08) 8337 8033
 Fax +61 8 8337 8656

WIRING BLOCK DIAGRAM

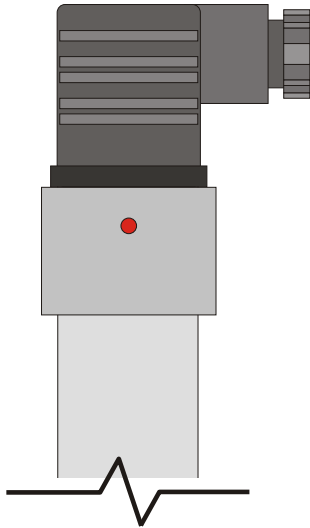


INSTROTECH
 INSTRUMENTATION AND PROCESS CONTROL

INSTALLATION

Model 1684-10L

Water tank level sensor and 10-point panel mount indicator controller

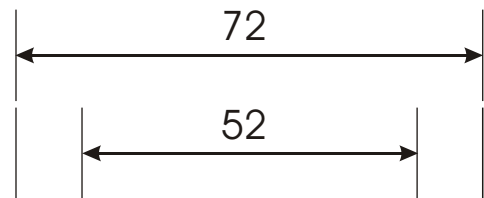
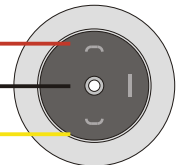


Tank sensor connector

Red = 1 = Positive

Black = ⊕ = Negative

Yellow = 2 = Communications



Faceplate

72 x 144mm high

Enclosure

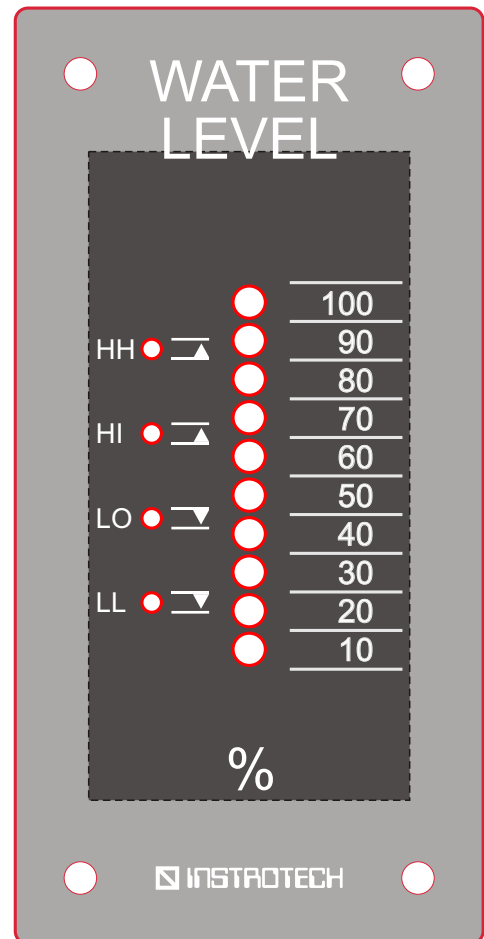
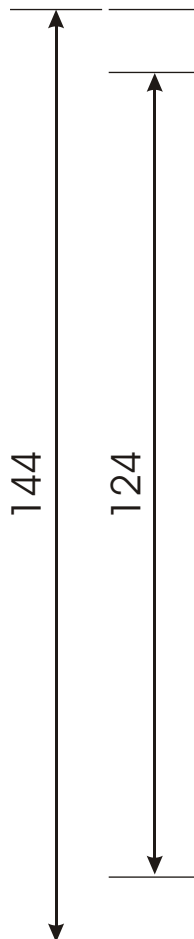
50 x 100 x 25mm deep

Cut-out

51 x 101mm high

Mounting holes

4 x 5mm diameter



INSTROTECH
Tel 1800 999 063

MODEL 1684

CABLE 1
+12 to 24VDC - Red
Negative - Black
Communication - Yellow

CABLE 2
RELAYS
3A 250VAC / 30VDC N/O
^ 100% - yellow/black
^ 90% - purple/blue
v 30% - brown/white
v 20% - green/red

TANK SENSOR

1 = Pos
⊕ = Neg
2 = Com

1684a10Ln

INSTALLATION

Model 1684-10L

Tank level sensor and 10-point rail mount indicator controller

ORDER EXAMPLE:

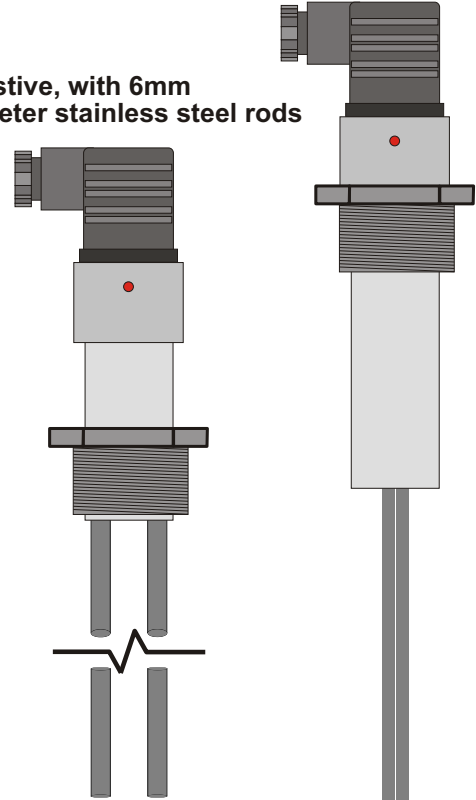


Model 1684-DIN-165-A
 Sensors length (cm) 165
 Supply A (AC) or D (DC)

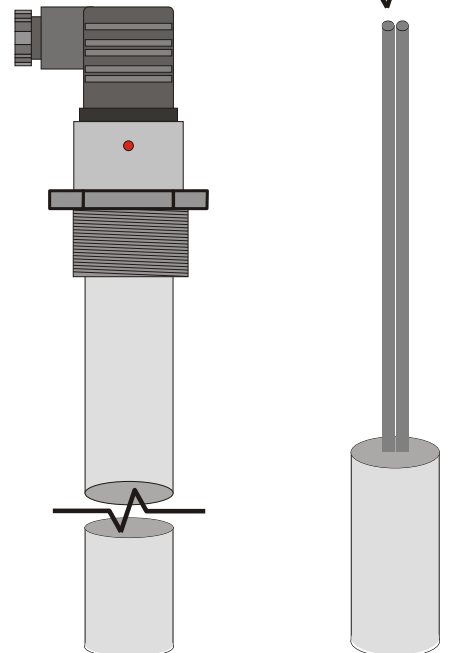
SENSOR TYPES:

Capacitive or Resistive with cables for deep tanks

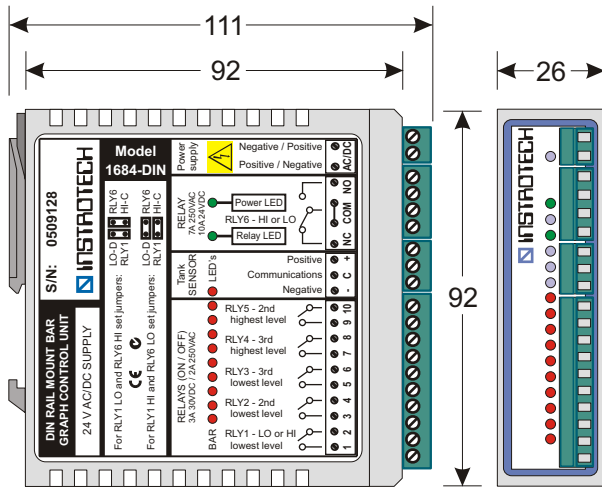
Resistive, with 6mm diameter stainless steel rods



Capacitive, with 27mm diameter PVC sheath



DIMENSIONS: [NTS - approximately half-size]



TERMINATIONS:

DIN RAIL MOUNT BAR GRAPH CONTROL UNIT		S/N: 0509127			
110VAC 240VAC SUPPLY		INSTROTECH		Model 1684-DIN	
For RLY1 LO and RLY6 HI set jumpers:			LO-D RLY1	RLY6 HI-C	
For RLY1 HI and RLY6 LO set jumpers:			LO-D RLY1	RLY6 HI-C	
RELAYS (ON / OFF) 3A 30VDC / 2A 250VAC		Tank SENSOR		RELAY 7A 250VAC / 10A 24VDC	
BAR	LED'S	Positive	Power LED	Relay LED	Power supply
RLY1 - LO or HI lowest level	RLY2 - 2nd lowest level	RLY3 - 3rd lowest level	RLY4 - 3rd highest level	RLY5 - 2nd highest level	110 VAC
		RLY6 - HI or LO			240
		NC			A N
1	2	3	4	5	6
7	8	9	10		AC