



WIRE	DESIGNATION	SPEC
RED	V+ POWER	6 - 30VDC
BLACK	GROUND	0VDC
YELLOW	SIGNAL	0 - 5V ANALOG
*WHITE	COMMS	Tx
*GREEN	COMMS	Rx
**BLUE	CAN Hi/ SWITCH	REQUEST CAN SPEC
**PURPLE	CAN Lo	REQUEST CAN SPEC
*NOT REQUIRED FOR ON VEHICLE USE		
**FITTED FOR CAN OUTPUT SPECIFICATIONS ONLY		

SENSOR TO BE SUPPLIED TO CUSTOMER SPECIFIED LENGTHS, PLEASE CONTACT REVENTEC FOR SENSORS ABOVE 700mm
 ALL UNITS ARE CALIBRATED AT THE FACTORY IN CUSTOMER SPECIFIED FLUID TO ENSURE OPTIMUM PERFORMANCE.
 ENSURE SENSOR IS KEPT MINIMUM OF 3MM FROM THE BASE OF THE TANK.

MOUNTING IS ACHIEVED USING A STANDARD AN-8 PORT FITTING.
 FEMALE THREAD BOSS FOR WELDED TANK APPLICATIONS AVAILABLE ON REQUEST.
 M20 DOWTY WASHER RECOMMENDED FOR SEALING.
 MINIMUM TORQUE RATING - 30.5Nm, MAXIMUM TORQUE RATING - 40Nm
 APPLY THREAD LOCK AS APPROPRIATE FOR THE APPLICATION.

CABLE TO BE 500mm FROM CABLE EXIT AS STANDARD.
 CABLE TO BE 5 CORE CABLE SLEEVED IN FEP JACKET FOR ANALOG OUTPUT CONFIGURATIONS.
 CABLE TO BE 7 CORE CABLE SLEEVE D IN FEP JACKET FOR CAN OUTPUT CONFIGURATIONS.
 SEE TABLE ABOVE FOR WIRE DESIGNATIONS.

STANDARD CALIBRATION IS 0.25V EMPTY TO 4.75V FULL.
 OUTPUT CAN BE CONFIGURED USING THE REVENTEC LEVEL SENSOR GUI VIA FTDI COMMS MODULE, AVAILABLE ON REQUEST.

THE STANDARD ELECTRONICS PLATFORM IS RATED TO 125DEGC, 150DEGC ELECTRONICS AVAILABLE ON REQUEST.
 DESIGN SUITABLE FOR 2BAR DIFFERENTIAL TANK PRESSURE, INCREASED PRESSURE RATINGS AVAILABLE.
 IT IS RECOMMENDED THAT ALL SENSORS OVER 300mm ARE SUPPORTED AT THE PROBE END TO PREVENT PART FATUGUE.
 ON GOING MAINTENANCE SHOULD BE IN ACCORDANCE WITH REVENTEC LEVEL SENSOR USER GUIDE V1.5 OR LATER.
 SUPPLIED SOLELY IN ACCORDANCE WITH REVENTEC LIMITED TERMS AND CONDITIONS.

SPECIFICATION	EXAMPLE	CUSTOMER SELECTION
PROBE LENGTH	450mm - 700mm	
LIQUID TYPE	FUEL/OIL GRADE / OTHER	
MAX TEMPERATURE	125DEGC / 150DEGC	
SENSOR OUTPUT	ANALOG/ CAN/ SWITCHED / COMBINATION	

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ±0.1 ANGULAR: ±0.1		FINISH: ANODISED RED	DEBUR AND BREAK SHARP EDGES	REVISION ISSUE 01	DESCRIPTION FIRST RELEASE	DATE 17.05.19	APPROVED NJM
DRAWN JB	SIGNATURE	DATE 17.05.19	 THIRD ANGLE	TITLE: LS845 CAPACITIVE LEVEL SENSOR			
CHK'D JL		DATE 17.05.19		DWG NO. LS845	A3		
APP'V'D NM		DATE 17.05.19		MATERIAL: AL 6061 T6	SCALE: 1:1	SHEET 1 OF 1	
MFG			WEIGHT:				
Q.A				 © DESIGN COPYRIGHT RESERVED Reventec Ltd Unit 14, Swanton Business Centre Salisbury Wiltshire SP5 3JH TEL: +44(0)1753 530921 Email: info@reventec.com Website: www.reventec.com Supply subject to Reventec Ltd Terms and Conditions			