



| 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 EXTENDED OUTPUT SPECIFICATIONS ONLY | | |

SENSOR TO BE SUPPLIED TO CUSTOMER SPECIFIED LENGTHS, PLEASE CONTACT REVENTEC FOR SENSORS ABOVE 450mm 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.

IF USING THE RADIAL SEAL, USE AN ID17.00 X 1.50mm FKM O-RING AND ENSURE TANK APERTURE IS 20.00mm±0.05MM

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 AND SWITCHED 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 FATIGUE.
 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 | 80 - 450mm | |
| LIQUID TYPE | FUEL/OIL GRADE / OTHER | |
| MAX TEMPERATURE | 125DEGC / 150DEGC | |
| SENSOR OUTPUT | ANALOG/ CAN/ SWITCHED / COMBINATION | |

| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | FINISH: ANODISED RED | DEBUR AND BREAK SHARP EDGES | REVISION ISSUE | DESCRIPTION | DATE | APPROVED |
|---|------------|-------------------------|-----------------------------------|--|------------------|------------|--------------|
| TOLERANCES: LINEAR: ±0.1 ANGULAR: ±0.1 | | | | 01 | FIRST RELEASE | 17.05.19 | NJM |
| DRAWN | NAME JB | SIGNATURE | DATE 17.05.19 | TITLE: LS300 CAPACITIVE LEVEL SENSOR | | | |
| CHK'D | JL | | 17.05.19 | | | | |
| APP'V'D | NM | | 17.05.19 | | | | |
| MFG | | | | | | | |
| Q.A | | | | MATERIAL: AL 6061 T6 | DWG NO. LS300 | A3 | |
| © DESIGN COPYRIGHT RESERVED Reventec Ltd Unit 14, Devonian Business Centre Salisbury Wiltshire SP5 3JG UK TEL: +44(0)1753 518921 EMAIL: info@reventec.com Website: www.reventec.com Supply subject to Reventec Ltd Terms and Conditions | | | | WEIGHT: | | SCALE: 1:1 | SHEET 1 OF 1 |