

INSTRUMENT DATASHEET L01	
LEVEL INSTRUMENT MAGNETIC	
Tag number : 68-LST-6001 / 68-LG-6001 Service description : Oil In 68-TB-601 Indication P&ID : P27879-EC-PID-OPS Line/equipment no. : -	Level Range : 1200 mm / 0-100% Set/Alarm Point : TRIP L:15% Area : - P. O. Number : -
1 GENERAL 1.01 Type : Magnetic Level gauge/transmitter 1.02 Manufacturer : K-Tek 1.03 Operating Temp. Limits : -40 to 77 °C 1.04 Duty : Top level 1.05 Mounting : Side of tank 1.06 Weight : - 1.07 Other : - 2 INSTRUMENT CHARACTERISTICS 2.01 Accuracy : .01% of full scale or 0.050" 2.02 Repeatability : .005% of full scale or 0.015" 2.03 Minimum density : 500 kg/m³ 2.04 Other : - 3 BODY / CHAMBER 3.01 Manufacturer model no : KM26S/SS6/W2N3N3B2/N54/M2G/C 3.02 Nominal size : 2 1/2" SCH 10 3.03 Pressure rating : ATM 3.04 Material : SS-316 3.05 Protective coating/color : None 3.06 Sour service spec. : - 3.07 Process conn. size/type : Threaded / 1/2"NPT-M 3.08 Connection orientation : Side - Side 3.09 Connection distance : C to C = 1200 mm 3.10 Connection material : SS 316 3.11 Indicator type/material : Red/White magnetic flapper 3.12 Indicator cover material : SS 316 3.13 Indicator visible length : 1200mm 3.14 Float type : Sealed 3.15 Float stop Included : Yes, spring 3.16 Float/float stop material : Titanium, Grade 2 3.17 Conn. size/type vent : 1/2" / NPT thread in pipe cap 3.18 Conn. size/type drain : 1/2" / NPT thread in blindflange 3.19 Vent/drain valves Included : Yes 3.20 Valves size/type : 1/2"NPT" / ball valve 3.21 Valves material : SS 316 3.22 Support bracket(s) : - 3.23 Other : - 4 TRANSMITTER / SWITCH HOUSING 4.01 Mounting : Top mounted (outside chamber) 4.02 Dimension : - 4.03 Material : SS 316 4.04 Cable connection : screwed terminals 4.05 Cable entry : M20 x 1.5 ,Brass 4.06 Enclosure protection : IP 67 4.07 Ex. classification : Ex ia IIB T3 4.08 Protective coating : - 4.09 Other : -	5 TRANSMITTER 5.01 Manufacturer model no : AT200/TW/L/S/R1/M4A/X/CE// 1219mm/M20 5.02 Detector type : Magnetostrictive 5.03 Indicator : LCD 5.04 Output signal : 4-20mA 5.05 Communication : HART Protocol 5.06 Supply voltage : 13.5 - 36 VDC 5.07 Consumption : 0,5 W 5.08 Load limitation : 500 Ohm@ 24V 5.09 Other : - 6 SWITCH 6.01 Manufacturer model no : - 6.02 Reset; automatic or manual : - 6.03 Deadband or differential : - 6.04 Alarm at Increase/decrease : - 6.05 Contact configuration : - 6.06 Contact material : - 6.07 Contact rating : - 6.08 Contact action on alarm : - 6.09 Other : - 7 NOTES