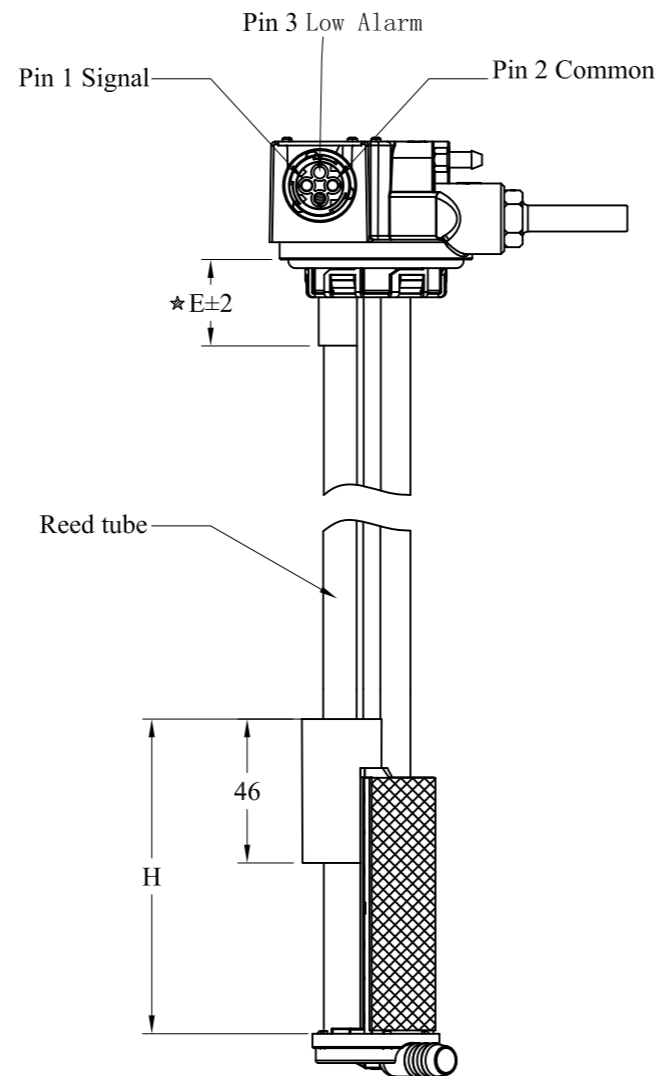
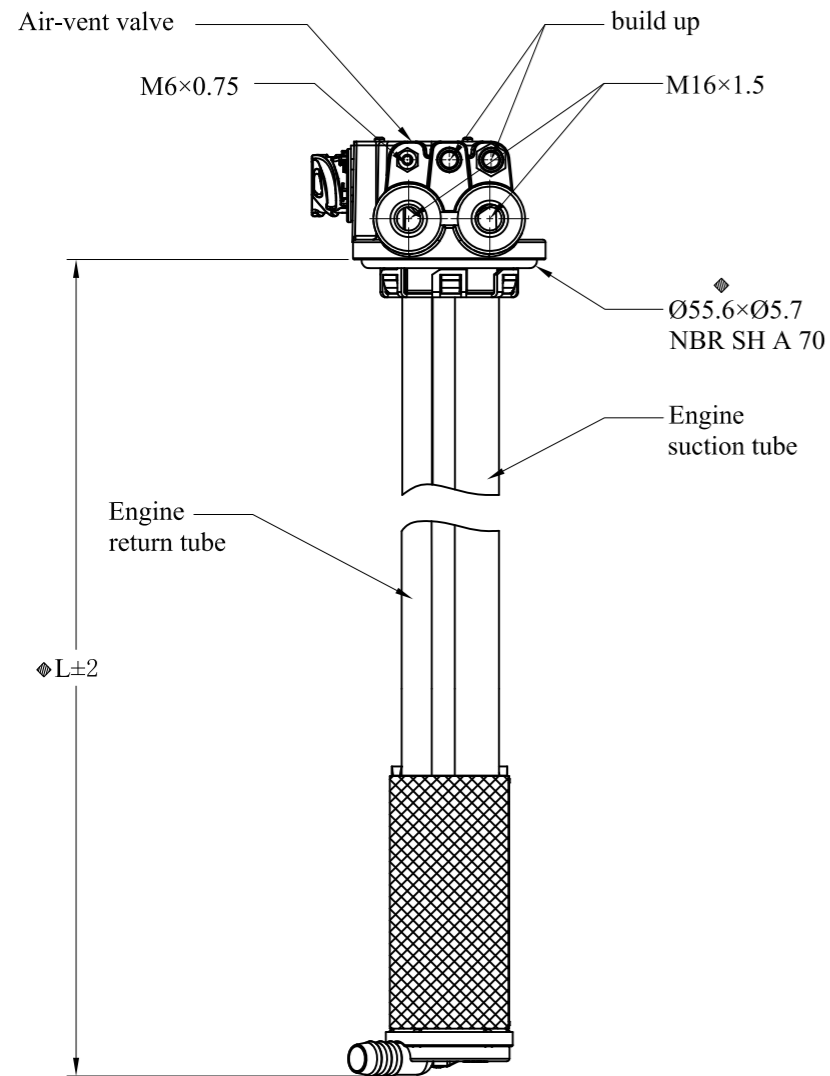


KEY PRODUCT CHARACTERISTICS	ISSUE	DATE	ZONE	REVISION HISTORY	DRAW
1、"⊙" Indicates special characteristics related to safety;	01	2017.3.30		New drawing	Carl
2、"◆" Indicates special characteristics related to customer interface;					
3、"★" Indicates critical characteristics defined					
4、Please see the list for Customer Special Characteristics					

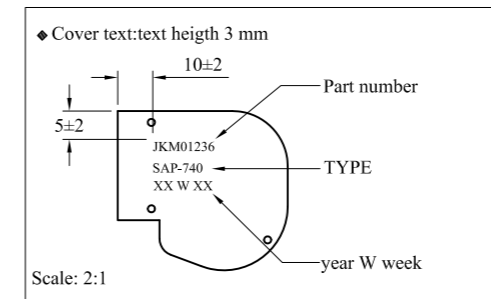
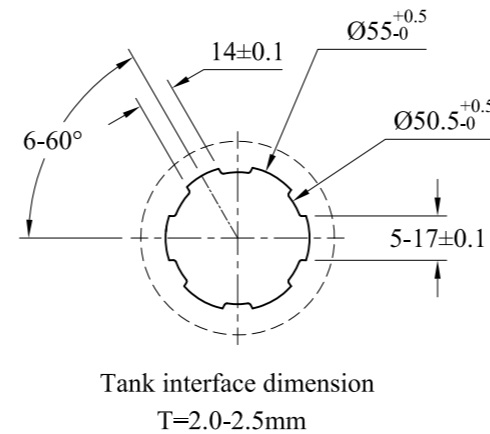
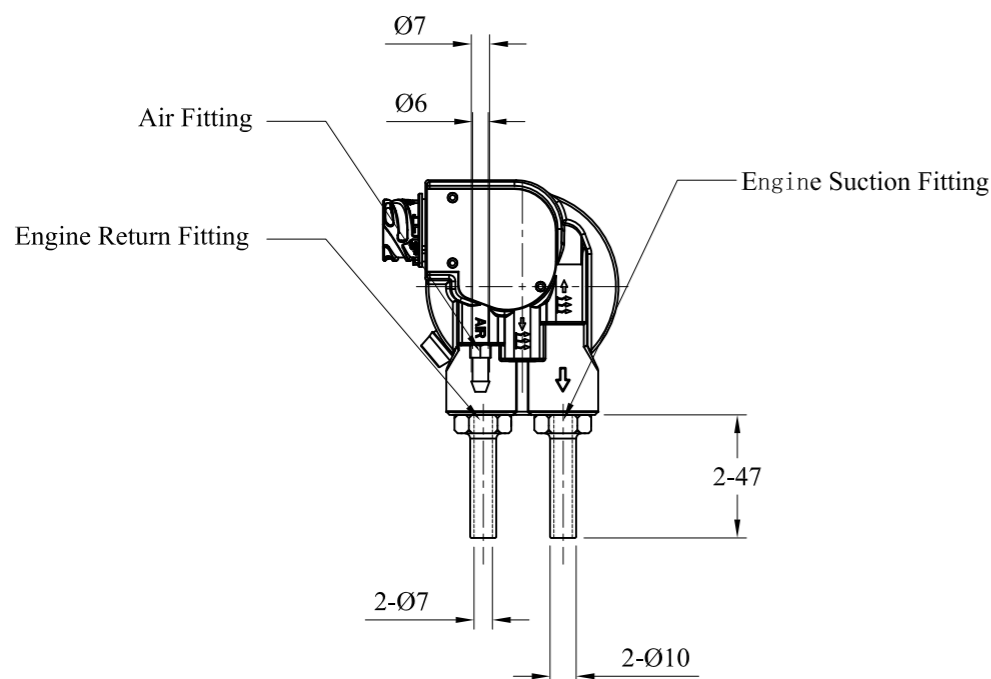
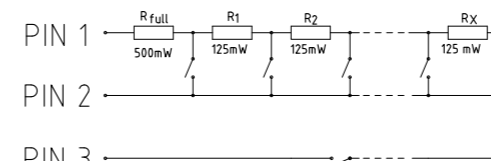


### Technical requirements:

1. Air valve fitting and the heater suction/ return fitting torque: 2.8~3.6Nm;
2. Engine suction/ return torque: 20 ± 5Nm;
3. Working temperature: -40 ~ 85°C;
4. Medium : diesel;
5. Air tube must be connected with air filter or dust-free space to avoid dust going into the valve and block it which causes the failure of the product ;
6. The product must be airtight and reliable ;
7. IP 65;
8. Critical controlled dimensions are marked ;
9. Electrical characteristics:  
Rating power: P=125mW;  
Working current: I max=300mA;
10. "H" value in the table is the data that float moves downward from top of the sensor;

### CONNECTOR

PIN 1	Signal
PIN 2	Common
PIN 3	Low Alarm
PIN 4	NOT CONNECTED, SEALED



◆	
JKM01721	
SAP-430	
L=430	
E=26	
RUA R010315	
FLOAT 021085	
H(mm)	Rout(ohm)
>370	0
370	7.5
349	20.5
328	33.5
307	46.5
286	59.5
265	72.5
244	85.5
223	98.5
202	114.5
181	130.5
160	146.5
139	162.5
118	178.5
110	ALARM
97	198.5
76	316.5
55	346.5

Tolerance. float descending : H±5mm

Resistance tolerance at 20°C : ±(1+R\*1.5%)ohm

TOLERANCE CLASS	FROM 0.5 UP TO 3	OVER 3 UP TO 6	OVER 6 UP TO 30	OVER 30 UP TO 120	OVER 120 UP TO 400	OVER 400 UP TO 1000
ISO 2768C	±0.2	±0.3	±0.5	±0.8	±1.2	±2

MATERIAL:	COLOUR:	PROJECT:
ENGINEERED: Carl	2017.3.30	SAP
CHECKED:		PART NAME: FUEL TANK SENSOR
APPROVED:		DRAWING NO: JKM01721
PROJECTION:	CUSTOMER NO:	ISSUE: 01
SCALE: 1:2	SIZE: A2	UNIT: mm SHEET NO: 1 OF 1