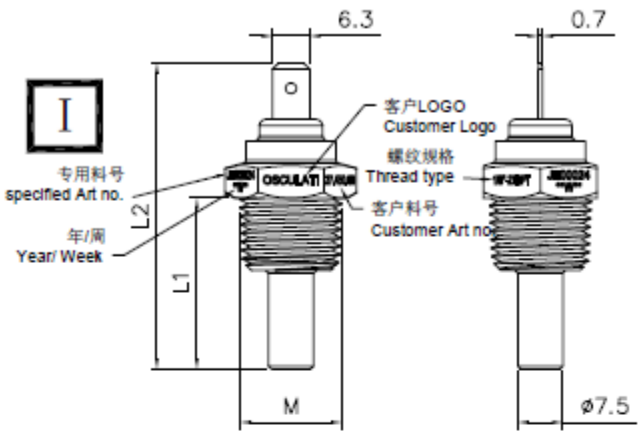
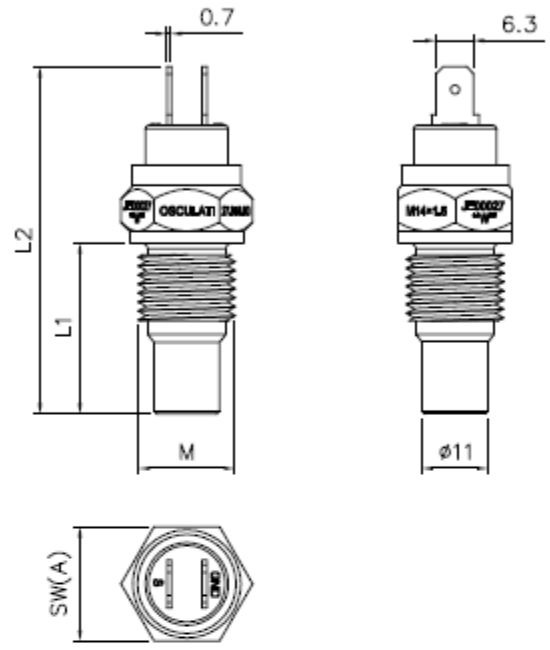
Product Special characteristics	ISSUE	DATE	ZONE	REVISION HISTORY	DRAW

I



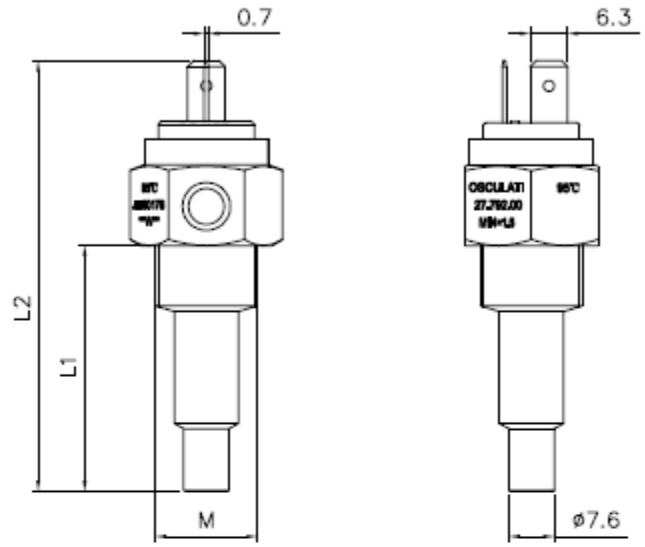
端子式不带报警
terminal type, without alarm

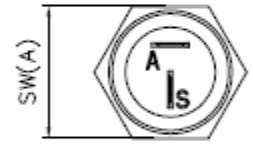
II



双端子不带报警
dual-terminals type, without alarm

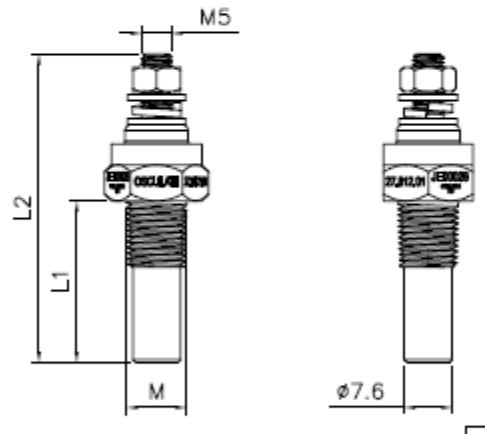
III





双端子式带报警
dual-terminals type, with alarm

IV



螺杆式不带报警
screw type, without alarm

油温 Oil temperature	Temperature ℃	50	60	70	80	90	100	110	120	130	140	150
	Ohm	361.8	250.7	177.9	128.2	94.02	70	52.96	40.55	31.44	24.69	19.58

<温度传感器阻值对照表>
Resistance parameters for temperature sensor

水温 Water temperature	Temperature ℃	40	50	60	70	80	90	95	100	110	120	
	Ohm	300.8	204.7	141.8	100.6	72.54	53.19	45.81	39.6	29.96	22.94	

NTC Thermistor (Water temperature)
- Resistance at +25°C : 560.2ohm ±5%
- Beta value : 3930 K ±1.5%

NTC Thermistor （Oil temperature）
- Resistance at +25°C : 990.2ohm ±5%
- Beta value : 3930 K ±1.5%

related parameters reference to<NTC(SMT) resistance list <ZYPC-S-A425>

序号 No.	客户料号 Customer Art no.	类型 Type	类型 Type	报警点 Alarm point	LOGO	螺纹规格M Thread M	A	L1	L2
13	27.812.01	Ⅳ	水温传感器Water temperature	NO	OSCULATI	1/4"-18NPT	15	27	51.5
12	27.813.00	Ⅲ	油温传感器Oil temperature	120℃	OSCULATI	M14×1.5	22	41	71.5
11	27.792.00	Ⅲ	水温传感器Water temperature	95℃	OSCULATI	M14×1.5	22	41	71.5
10	27.818.01	Ⅱ	油温传感器Oil temperature	NO	OSCULATI	M14×1.5	19	28.5	58.7
9	27.819.00	Ⅱ	水温传感器Water temperature	NO	OSCULATI	1/2"-14NPT	22	28.5	58.7
8	27.818.00	Ⅱ	水温传感器Water temperature	NO	OSCULATI	M14×1.5	19	28.5	58.7
7	27.827.01	Ⅰ	油温传感器Oil temperature	NO	OSCULATI	M18×1.5	19	28.5	51
6	27.811.00	Ⅰ	油温传感器Oil temperature	NO	OSCULATI	M14×1.5	19	28.5	51
5	27.450.01	Ⅰ	油温传感器Oil temperature	NO	OSCULATI	1/8"-27NPT	15	28.5	51
4	27.819.01	Ⅰ	油温传感器Oil temperature	NO	OSCULATI	1/2"-14NPT	22	28.5	51
3	27.810.00	Ⅰ	水温传感器Water temperature	NO	OSCULATI	M14×1.5	19	28.5	51
2	27.827.00	Ⅰ	水温传感器Water temperature	NO	OSCULATI	M18×1.5	19	28.5	51
1	27.450.00	Ⅰ	水温传感器Water temperature	NO	OSCULATI	1/8"-27NPT	15	28.5	51

Technical requirements:
1. "Specified Art no." , the product is the exactly the same as KUS product of the same type except marking. production according to the assembly drawing of KUS product.
2. Marking, according to the drawing, height of the fonts2mm, width of the text can be adjusted just to fit the marking surface.

技术要求：
1）“专用料号”，除了刻字，产品配置完全与“对应KUS”的产品一样，生产请参考对应KUS料号的装配图；
2)刻字要求，请依图要求，字高2mm，字宽请调整至能放入平面为准；

OSCULATI

MATERIAL: Drawing for customer	COLOUR:	PROJECT:	
ENGINEERED 13.09.07 Carl		PART NAME: Temperature sensor	
CHECKED		DRAWING NO:	ISSUE: 01
APPROVED		CUSTOMER NO:	
FIRST ANGLE PROJECTION		SIZE: A3	UNIT: mm SHEET NO: 1 OF 1

TOLERANCE CLASS	PRCSN 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 2768 C	0.2	±0.3	±0.5	±0.8	±1.2	±2

SCALE: 1:1