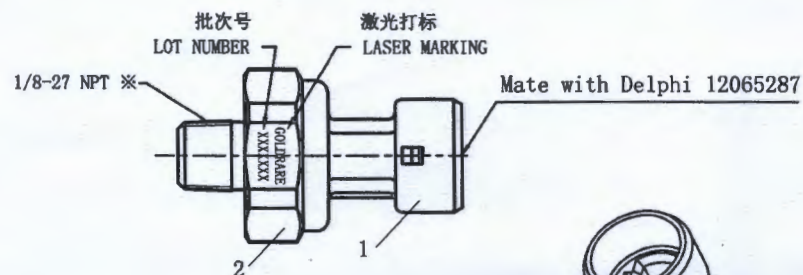
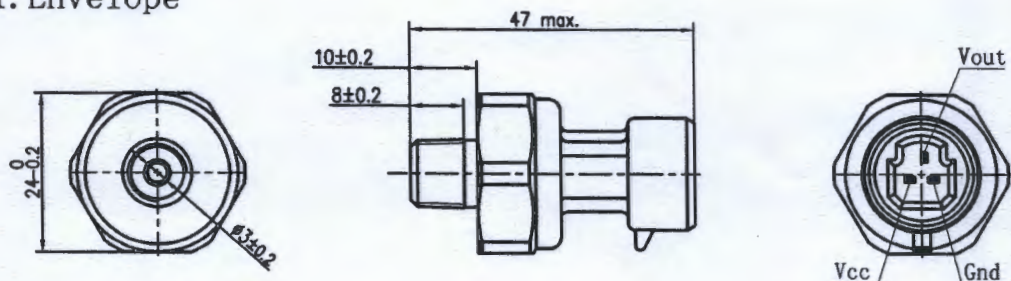
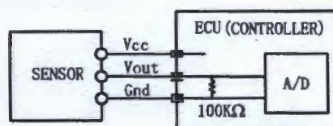


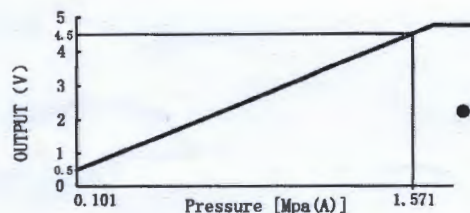
## 1. Envelope



## 2. Electrical Installation



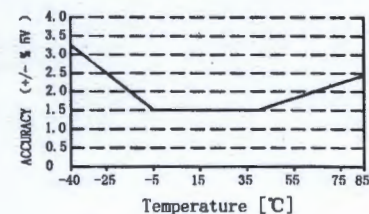
## 3. Output Characteristics



TRANSFER FUNCTION  
 $\bullet V_{out} = 5 * (0.5442 * P + 0.045) [V] \text{ NOMINAL}$   
 (P: Mpa (A))

## 4. Output Accuracy

The error in the range of  $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$  is  $\pm 1.5\%$  5V.  
 Over this range, it follows:  
 $T > 40^{\circ}\text{C}: \pm 1.5 * [1 + 0.014 * (T - 40)] \% 5V$   
 $T < -5^{\circ}\text{C}: \pm 1.5 * [1 - 0.033 * (T + 5)] \% 5V$



## 5. Specification

Supply Voltage	: 9~28 VDC
Operating Temperature	: -40~85 °C
Storage Temperature	: -40~100 °C
Operating Pressure	: 0.101~1.571 Mpa (A)
Proof Pressure	: 2.1 Mpa (A)
Burst Pressure	: 3.1 Mpa (A)
Output Load	: 100 Kohm Pull down
Supply Current	: 8 mA Max
Protection class	: IP65

2	HOUSING	ALUMINUM ALLOY	-
1	CONNECTOR	-	BLACK
PART NO.	PART DESCRIPTION	MATERIAL	NOTE
DRAWN	DATE	ALL RIGHTS RESERVED BY TRENSOR	
ENGINEER	DATE	TITLE	REV
DATE	DATE	TRE-A1-HS-2V184	A
DATE	DATE		
TRENSOR		METHOD	SIZE
		SCALE	SHEET
		1:1	1 OF 1

受控文件  
 2019.5.27