

SPEC	TOLERANCE (EXCEPT R)				TOLERANCE (FOR R)
	A	Ⓟ	C	D	
1-8	±0.06	±0.10	±0.20	±0.40	±0.20
8-25	±0.08	±0.15	±0.30	±0.50	±0.50
25-80	±0.12	±0.25	±0.60	±1.00	±1.00
80-250	±0.25	±0.40	±0.80	±1.50	±2.00
250-800	±0.50	±0.80	±1.50	±3.00	±3.00
ANGLE	±1°				

DESIGN	DATE	DESCRIPTION	REV.
XUE SAI	2024.11.19	The new order	△

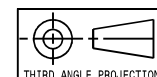
Project	Functional description	Specifications
1	The power supply	2.6V~3.2V
2	Working temperature	-40~105℃
3	Transmission frequency	433.92MHz
4	Pressure measurement range	0~700kpa
5	Temperature accuracy	±4℃ (-20℃~+70℃)
6	Accuracy of pressure measurement	±5kpa (-20℃~+90℃)

NOTE:

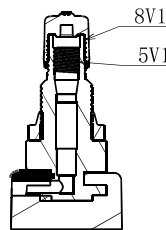
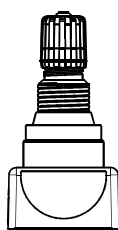
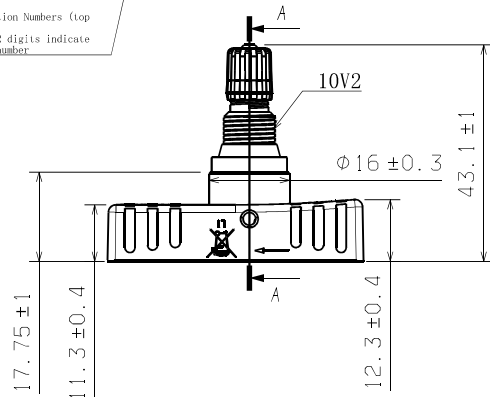
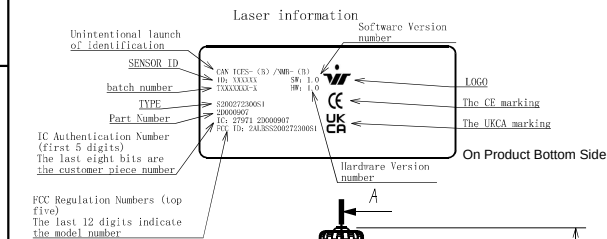
- 1.Hex nut with attached torque : 4.75 ± 0.25 Nm
- 2.Sensor useful life:5 years or 100,000 kilometers
- 3.Grommet useful life:3 years or 50,000 kilometers
- 4.When replacing the tire,Grommet must be replaced together
- 5.The valve must not interfere with the rim and other structures
- 6.The wheel hub must comply with ETRTO standards
- 7.Install the sensor must be according to the provided Standard Operating Procedure
- 8.The conditions for the high-speed test are as follows:
 - A. Rotational Speed:2300rpm,300km/h.
 - B. Test cabinet temperature : 65° C.
 - C. Test time:4 hour.
 - D. Turntable diameter:70cm.
- 9.The sensor needs to meet the following standards:

Test	Standard	Paragraph
Thermal cycle	SAE J2657-DEC2019	4.1.2
Thermal shock	SAE J2657-DEC2019	4.1.3
Extreme temperature	SAE J2657-DEC2019	4.1.4
Humidity	SAE J2657-DEC2019	4.1.5
Frost	SAE J2657-DEC2019	4.1.6
Proof pressure	SAE J2657-DEC2019	4.1.7
Rapid deflation	SAE J2657-DEC2019	4.1.8
Altitude	SAE J2657-DEC2019	4.1.9
Contamination	SAE J2657-DEC2019	4.1.10
Salt fog-corrosion	SAE J2657-DEC2019	4.1.11
Drop	SAE J2657-DEC2019	4.1.12
Mechanical shock	SAE J2657-DEC2019	4.1.13
Mechanical vibration	SAE J2657-DEC2019	4.1.14
Vehicle speed	SAE J2657-DEC2019	4.1.15
Electromagnetic compatibility (EMC)	EU-27: 2014/30/EU 2014/53/EU	
	UK: UKCA	
	USA: FCC	
	Canada: ISED	

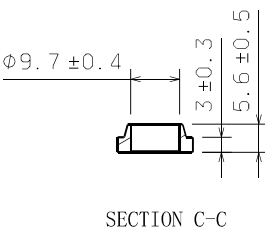
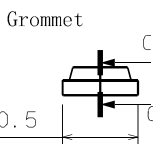
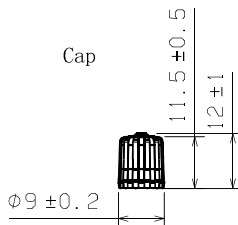
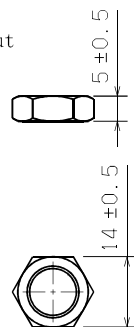
Sealing ring :
Hardness :80~90A
No burrs, waste edges
Smooth surface, no pores



WHETRON ELECTRONICS (SUZHOU) CO.,LTD				SCALE 1: 1	THIRD ANGLE PROJECTION QUANTITY 1
MODEL NO. S200272300S1	DESCRIPTION CS8016-TX (Tuareg 660)			MATERIAL	FINISHED
DATE 2024.11.19	DESIGN	CHECKED	APPROVED	DWG NO. DWG-OE00064300S	PART NO. OE00064300S



SECTION A-A



SECTION B-B

SECTION C-C

