

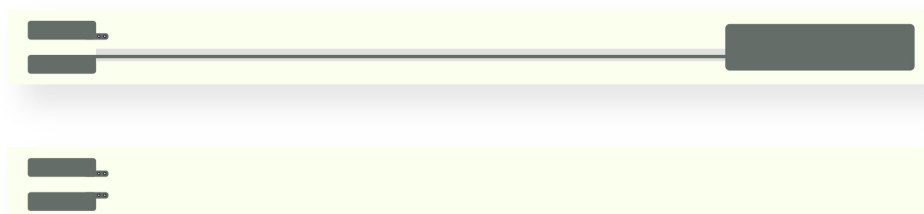
HTCC陶瓷专业定制



开关型氧传感器
SWITCH-TYPE OXYGEN SENSOR

UHS1109

VS BOSCH LSF4.2、DELPHI OSP+、DELPHI OSP-B



电阻@25℃	长	宽	厚	抗弯强度	工作电压	传感器类型	燃油相容性
9.0±1.5Ω	53.3±0.5mm	4.5±0.25mm	1.2±0.15mm	≥600Mpa	12-14V	汽车用, 开关型	汽油

Resistance @25 °C	Length	Width	Thickness	Strength	Power supply	Sensor type	Fuel compatibility
9.0±1.5Ω	53.3±0.5mm	4.5±0.25mm	1.2±0.15mm	≥600Mpa	12-14V	lambda sensor @automotive	gasoline

≥600 MPa 抗弯强度
Bending strength

≥4MΩ 高温绝缘电阻@400℃
High temperature insulation resistance @400 °C

≤5% 17V开关耐久, 电阻漂移
17V switch durability, resistance drift

±20℃ 传感器稳态温度@室温环境
Steady state temperature @ room temperature environment

使用寿命长, 可靠性高
Long life and high reliability

信号稳定性强, 一致性高
Strong signal stability and high consistency

抗弯强度高, 总成压装适应性高, 断裂失效率低
High bending strength, high assembly press fit adaptability and low fracture failure rate

气氛台测试性能

ATMOSPHERE STATION TEST PERFORMANCE

起燃时间 | ≤12s@13V
THE LIGHT-OFF TIME

响应特性
RESPONSE CHARACTERISTICS

使用博世款D11型封装, 加热电压13V, 燃料为液化石油气。
BOSCH D1 TYPE PACKAGE, HEATING VOLTAGE 13V, FUEL FOR LIQUEFIED PETROLEUM GAS.

使用燃烧气氛台测试	指标	
燃气温度	350℃	850℃
富油电压, λ=0.97	800±55mv	700±55mv
贫油电压, λ=1.03	50±30mv	50±30mv
响应时间Tr-l600mv到300mv	≤125ms	≤125ms
响应时间Tl-r300mv到600mv	≤60ms	≤60ms
稳态电流	0.48±0.1mA	0.42±0.07mA

Test using a combustion atmosphere station	indicators	
Gas temperature	350℃	850℃
Oil-rich voltage, λ=0.97	800±55mv	700±55mv
Lean oil voltage, λ=1.03	50±30mv	50±30mv
Response time Tr-l600mv to 300mv	≤125ms	≤125ms
Response time Tl-r300mv to 600mv	≤60ms	≤60ms
steady-state current	0.48±0.1mA	0.42±0.07mA

内阻温度曲线

INTERNAL RESISTANCE TEMPERATURE CURVE

