

**定位式泄漏探测线30AWG\*2C+26AWG\*2C OD:5.8mm黄色**  
**Water Leak Location Sensor cable 30AWG\*2C+26AWG\*2C**  
**OD:5.8mm Yellow**



**产品说明 Product Description**

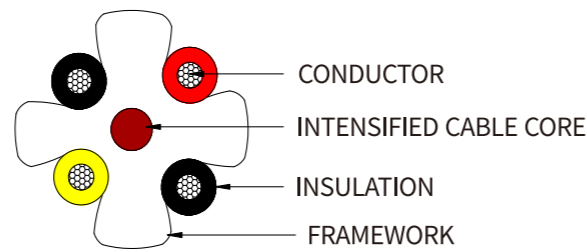
泄漏探测线(又称漏水感应线、漏液检测线)是一种分布式线状传感器,用于沿其全长连续监测导电液体(水、酸碱液、冷却液等)泄漏,需配套专用控制器实现报警与定位,广泛应用于数据中心、机房、管道管廊、配电室、仓库等关键区域。

Leakage detection lines (also known as water leakage sensing lines or liquid leakage detection lines) are distributed linear sensors used to continuously monitor the leakage of conductive liquids (such as water, acid-base solutions, coolant, etc.) along their entire length. They require a dedicated controller for alarm and location purposes and are widely used in key areas such as data centers, computer rooms, pipeline corridors, distribution rooms, and warehouses.

**结构(Construction)**

Specification 规格	A:30AWG*2C	B:26AWG*2C
Conductor 内导体	1/0.25 Alloy wire±0.03mm	19/0.10TC+0.008mm
Insulation 绝缘	Semi conductive material 0.95+0.10mm	Polyolefin 0.95+0.10mm
绝缘标识/Insulation Color	2C,黑色Black	2C,Red, Yellow
加强芯/Intensified cable core	Tin-plated copper-clad steel	
构架材质/Framework material	Polyolefin	
构架颜色/Framework Color	黄色 Yellow	
成品外径/OD	5.80+0.50mm	19+2mm

**产品结构图(Product structure Drawing)**



**环保符合(Environmental Protection Compliance)**

RoHS 2.0/Reach(1907/2006 号REACH法规)

**参考规范(Reference Standard)**

UL719/UL1581/UL758

**主要性能参数(Main performance parameter)**

Item 项目	Electrical Characteristics 电气特性
Rated temperature 工作温度&电压	-20~+85°C
Voltage (DC) 额定电压	30V
Max Conductor Resistance 最大导体直流电阻	≤0.16Ω/m@20°C(26AWG) 13±2Ω/m @ 20°C (30AWG Alloy wire)
Tensile force test 拉断力测试	>20KG
Normal interelectrode impedanceresistance (Measuring ambient temperature: 24° C humidity: 60% RH) 常态下电极间阻抗电阻 (测量环境温度:24°C湿度:60%RH)	>1000MΩ/m
Two test electrode surface contact, 3cmshort circuit between electrodeimpedance resistance: (Measuringambient temperature: 24° C, humidity 60%RH) 两测试电极表面接触, 3cm短路下电极间阻抗电阻:(测量环境温度:24°C湿度:60%RH)	≤300KΩ
Low temperature winding test: Wrap on 2x straight rod and place in -40°C lowtemperature box for 12H 低温卷绕测试:卷绕在2倍直棒上,放入-40°C低温箱12H	不开裂 no cracking
High temperature impact test: Wrap on 2times straight rod and put into 121°CHigh temperature box for 1H 高温冲击测试:卷绕在2倍直棒上,放入121°C高温箱1H	不开裂,无熔损 No cracking, no melting loss
After the aging test, 85 C*240H, thealarm function is verified 老化测试后85°C*240H, 报警功能验证	滴水感应正常报警 Drip sensing normal alarm
Bending resistance test 摇摆测试	Lifting weight 300g, ±90°,R=25.4mm, 30 times /min >5000 times
Abrasion resistance 耐磨测试	耐磨测试(参照UL719)>65次 Wear test (refer to UL719)>65 times
Minimum bending radius 最小弯曲半径	建议弯曲半径在10mm以上为宜 It is recommended that the bending radius be above 10mm.

**用途(Use)**

适用于漏水、漏液(导电性液体)探测

**包装(Packaging)**

500 m/axis