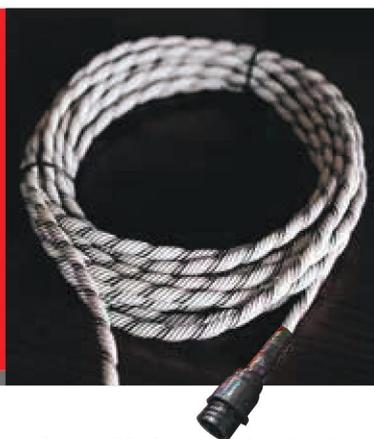


LB SC-7000

Multi-purpose sensing Cable



The LeakBan LBSC-7000 sensing cable detects the presence of any conductive liquids such as acids, bases and water at any point along the length hence is multi-purpose. Being installed with LBMM, master module and LBSM, slave module (submodule), LBSC-7000 senses leakage or intrusion instantly and sends event signal to LBMM via LBSM by RS485 communication protocol. Upon reception, LBMM and LBSM trigger an alarm and find the position where leakage occurs. LBSC-7000 sensing cables can be supplied in standard supply lengths, which are factory-terminated with a pair of circular plastic connectors to plug together. These are keyed to avoid incorrect polarity/con-nection for easy and quick installation. Multiples of pre-terminated sensing cables can be easily connected up to 1 km to suit on-site layouts and conditions. LBSC-7000 sensing cable consists of two continuity wires and two sensing wires. The sensing wires are spirally wound and positioned in the groove of the twisted spacer. As the sensing wires are coated with a conductive polymer, they have excellent corrosion resistance so perform for an extended period of time even when installed in corrosive and wet environments. The spacer of the LBSC-7000 is constructed with crosslinked rigid plastic so that it has good abrasion and chemical resistance. LBSC-7000 is thin, lightweight, flexible and less elastic so keeps its position after installation.

Use	LBSC-7000 sensing cable is designed for various applications : semi-conductor factory battery factory display panel (LCD/LED) factory all other chemical plants Applicable chemical : sulphuric acid, hydrochloric acid, nitric acid, and PAC etc.				
Features	Cable diameter Continuity wire Sensing wire Spacer Maximum continuous operating temperature Humidity Flame retardant Min. bending radius Min. installation temperature Pre-terminated standard length CPC connector polyester/glass-filled nylon	approx. 7 mm AWG 20 x 2 AWG 30 x 2 alloy with conductive coating chemical resistant XLEVA, grey color 80°C up to 80% RH VW-1 40mm -40°C 3.5m, 7m or 15m Max. Ø25mm			
Specification	<p>Confirms with EMI/EMC and electrical safety requirements Sensing cables can be extended up to 1km Fast response 8 seconds max. depending on liquid type Leak positioning accuracy (± 1m /1,000m) Resistance to abrasion, chemicals Standard supply 3.5m, 7m, 15m Operating temp. -40°C ~ 80°C</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Cable Connection</p> </div> <div style="text-align: center;"> <p>End Termination</p> </div> <div style="text-align: center;"> <p>LBSC-7000</p> </div> </div>				
Selection Code	LBSC-7000	-	15	-	EX
	(a)		(b)		(c)
	(a)	(b)		(c)	
Model	Pre-terminated cable length(m) : 3.5, 7, 15		Supply form None : for Safe area EX : for Hazardous area		
Certification					