



Water sensing cable for suspended pipe

TraceTek® TT1100-OHP sensor cable detects water leaks at any point along the cable length. When used in conjunction with TraceTek monitoring instruments, the cable senses the presence of a water leak, triggers an alarm and pinpoints the location of the leak to within +/- 1 meter accuracy.

Targeted Design for Suspended Piping

TT1100-OHP is supplied with an absorptive synthetic fiber braid designed to wick water along the cable even when the water

leak is dripping from a single small pin hole or crack. The fiber is selected to be rapid drying so that once the leak is located and repaired, the cable will quickly dry and be ready for re-use, in many cases as soon as the pipe repairs are completed.

Strap directly to the pipe - Eliminate drip trays

TT1100-OHP is a distributed sensor that can be attached to the bottom of suspended piping with nylon tie-wraps. There

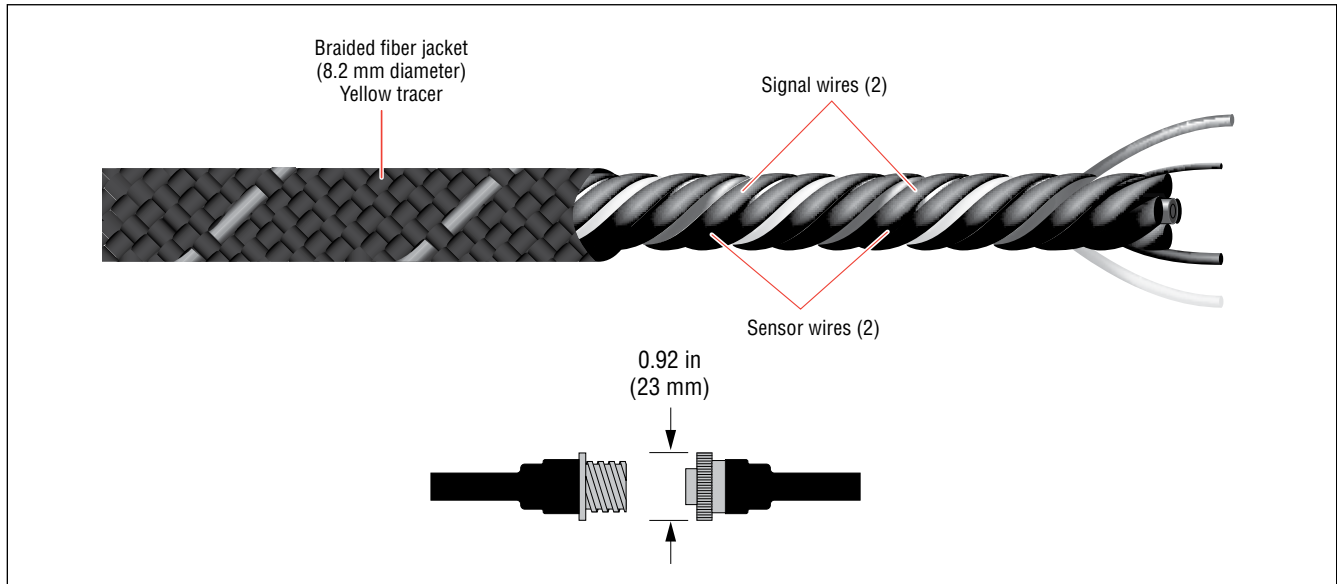
is no need for a drip tray to bring water into contact with the sensor cable. The braided fiber jacket provides extra mechanical protection and strength for ease of installation in construction environments.

TT1100-OHP is available in bulk lengths or pre-terminated in standard lengths. TT1100-OHP is compatible with all TraceTek instruments and software.

Ordering Information

TT1100-OHP Water Sensing Cable for Suspended Pipe

Catalog Number	Part Number	Description
TT1100-OHP-SC	P000000805	TT1100-OHP on bulk reel, 100 m minimum, 300 m maximum
TT1100-OHP-100M-PC	P000000806	TT1100-OHP, 100 m (328 feet) length, plastic connectors pre-installed
TT1100-OHP-50M-PC	P000000807	TT1100-OHP, 50 m (164 ft) length, plastic connectors pre-installed
TT1100-OHP-30M-PC	P000000808	TT1100-OHP, 30 m (100 ft) length, plastic connectors pre-installed
TT1100-OHP-15M-PC	P000000809	TT1100-OHP, 15 m (50 ft) length, plastic connectors pre-installed
TT1100-OHP-7.5M-PC	P000000810	TT1100-OHP, 7.5 m (25 ft) length, plastic connectors pre-installed
TT1100-OHP-3M-PC	P000000811	TT1100-OHP, 3 m (10 ft.) length, plastic connectors pre-installed
TT1100-OHP-1M-PC	P000000812	TT1100-OHP, 1 m (3 ft) length, plastic connectors pre-installed
TT-1000 / JC-CK-PC-M/F	P000000080	Connector Kit for Bulk TT1100 Cable, parts for 10 segments



Product Characteristics

Finished cable diameter	8.2 mm nominal
Cable diameter with connectors	23 mm nominal
Signal wires	2 x 26 AWG with fluoropolymer insulation
Sensor wires	2 x 30 AWG with conductive fluoropolymer jacket
Carrier rod	20 AWG core wire flame retarded polymer
Cable weight	5.86 kg / 100 m nominal
Breaking strength	> 100 kg
Cut-through force	> 50 kg (using 0.05" radius blade)
Maximum continuous operating temperature	80°C
Resistance to Humidity	<2 µA leakage per 100 feet @ 90% RH / 20C

Approvals



TraceTek sensing cables are approved only when used with an agency approved TraceTek alarm module.



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