



ATP

Sensor Cable

Overview

The ATP sensing cable is designed to monitor prefabricated polyurethane insulated pipes for district heating and cooling application. The cable can withstand typical high temperature spray foam and pour foam insulating process which makes it ideal to be embedded in the factory. The ATP cable can also be easily spliced and connected to allow for ease of installation in the field.



ATP Sensor Cable & Accessories

Model No.	Part Number	Description	Liquids Detected
ATP	8017732	ATP Sensor Cable	Water, Aqueous Solvent
--	8027800	ATP Crimp Sleeve (20 pack)	--
--	8068308	ATP Crimp Tool	--

Features & benefits

- Detect cable faults (leak, break, and short)
- Designed to be embedded within pipe foam insulation in factory
- Ideal for district heating / cooling and high temperature steam line application
- Easily spliced and connect in the field
- Long distance runs up to 5,000 ft (1,500 m)
- Support placement on metal and plastic pipe
- No exposed metal

Specifications

physical and environmental

Diameter:	0.10 x 0.19 in (2.54 x 4.83 mm)
Minimum Bend Radius:	0.5 in (12.7 mm)
Weight:	24 lb / 1000 ft (11 kg / 305 m)
Operating Temperature:	-22°F to 185°F / (-30°C to 85°C)
Maximum Pull Strength:	50 lbs (23 kg)
Cable Color:	Red & White

performance water

Effective Length	< 2,500 ft (750 m)	< 5,000 ft (1500 m)	NA
Detection Sensitivity	3 ft (1 m)	6 ft (2 m)	NA
Location Accuracy	±10 ft (3 m)	±30 ft (9 m)	NA

regulatory compliance



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