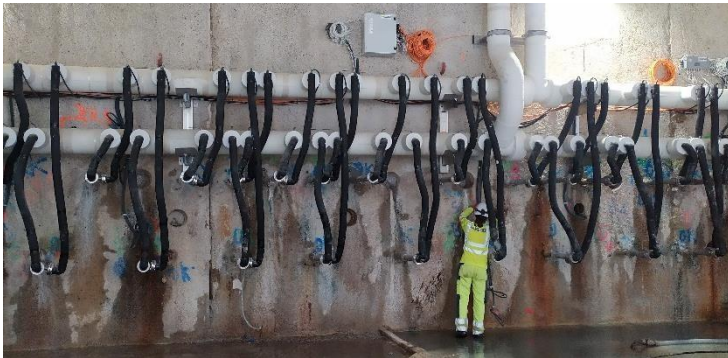


TMK-2

The TMK-2 digital temperature chain is a high-precision temperature measurement system developed for small-diameter boreholes. The temperature sensors have their own address, which is interrogated via a BUS communication cable. Temperature measurement is digital and independent of cable length.



SGP: L15-T2A Gare Vert de Maisons

Specifications

Measurement range	-50°C to +60°C
Accuracy	+/- (0.3 + 0.01 t) with t in °C
Power supply	5 V to 24 V
Protection class	>IP68
Number of elements	up to 250 elements, distance between sensors to be specified on order
Connection	Pin

Temperature chain types

Standard	Temperature sensor chain in 20 mm OD PE pipe (16 mm on request). 10 bar pressure resistance
Small diameter	8 mm diameter Temperature sensor chain in stainless steel casing (1.4301) PUR-cable (LIH-C11Y), 4x0.25 mm ² connection between chain elements 4 bar pressure resistance
Heavy Duty 50	50 bar pressure resistance Temperature sensor chain in stainless steel casing (1.4301) Polyamide line sealed by hydraulic fitting 16 mm diameter
Heavy Duty 100	100 bar pressure resistance Temperature sensor chain in stainless steel casing (1.4301) Polyamide line sealed by hydraulic fitting 20 mm diameter