

**FRODE PEDERSEN** 

# Thermocouple assembly UST 2

for exhaust gasses, with interchangeable insert

Data sheet 1802



Note 2: MI= Mineral insulated.

Accesseories	Customer information	
	Name:	
	Tel.:	







## **Compensating cable**

XSGLO  $\ 2x1.5mm^2$  with silicone and steel braid insulation, 200°C

### Insulation resistance

versus temperatu	re	
Test temperature	U	Rmin
°C	Volt	M ohm
20±15	500	1000
500±15	500	5

#### **Response time**

Thermowell Diameter	Response time acc representative mea	. to surement
	Temp. changed from 800°C to 20°C (immersed in water)	
	t <sub>0.5</sub>	t <sub>0.9</sub>
22 15	40	120

## Connection diagram



## Note:

The 0.5/0.9 time is the time that it takes the sensor to reach 50%/90% of the final value of a temperature change of a medium.

If media and velocity are different from the ones stated, the time can change significantly.

## Type Approvals

- Lloyd's Register of Shipping	
- Det Norske Veritas	