

TELECOORDINOMETER



The telecoordinometer measures the displacement along a direct or inverted pendulum rod or wire.

This device is placed at intermediate points or at the extremities of the vertical measuring line of direct or inverted pendulums.

The instrument is based on contactless inductive transducers which measure the position of the pendulum wire using two or three coordinates. As an option an extra sensor can be mounted to the casing of the telecoordinometer to ensure its stability measured against external structures.

The instrument is constructed from stainless steel. Pendulums already in situ can be

measured by this device without additional modification.

It only requires one target to be added to the pendulum wire for the telecoordinometer to be effective.

The transducer output is a twin wire 4-20mA allowing the signal to be transmitted over long distances without any adverse effect.

The sensitivity of the instrument is within 1/100mm.

The instrument is maintenance free and is designed to work in hostile environments, even under water.

Installation is simple and quick, even for non specialist personnel.

TECHNICAL SPECIFICATIONS

TELECOORDINOMETER

Typical location	Wall or floor mounted
Casing material	Stainless or galvanised steel
Plumb line	Rod: Stainless steel / invar \varnothing 6-8 mm Wire: Stainless steel/ invar \varnothing 1 mm
Type of Sensor	Biaxial contactless inductive or triaxial on request
Measuring range	0 ÷ 50 mm
Supply	12 ÷ 30 V dc
Output	4 ÷ 20 mA
Operating Temperature	-25 ÷ +70 °C
Protection Level	IP67

Agisco reserve the right to change their products and specifications without notice

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