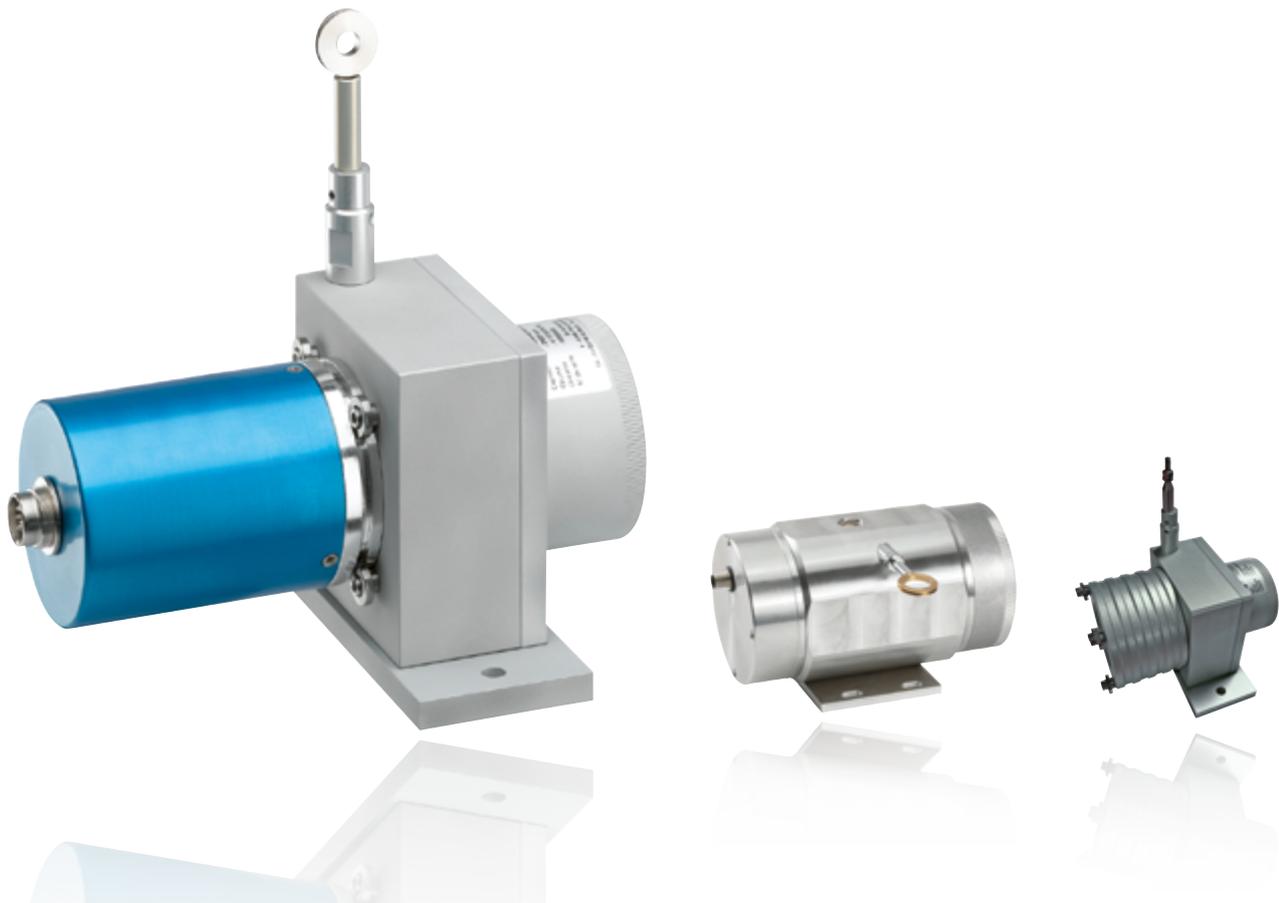




Displacement Measurement

Transducers, Accessories, Electronics



A wide range of transducer from 50 mm to 50 m

Extremely simple in design, cable displacement sensors are very easy to implement and can be installed on existing systems. Their robustness makes it possible to use them in the most difficult environments.

For all your applications...

SCAIME puts all its experience in the measurement of displacement or position at your service.

Transmission of the valve position to the control station at any time and in complete safety thanks to the absolute 4/20 mA signal from this sensor.



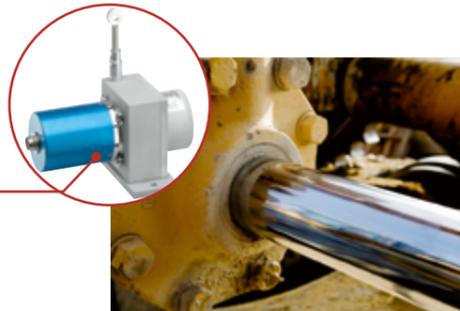
▲ Valve opening control

With a measuring range of up to 50 m, these sensors are able to give the positioning of a system moving over a long distance.



▲ Lift system displacement measurement

The simplicity of implementation of this sensor allows its integration on existing systems.



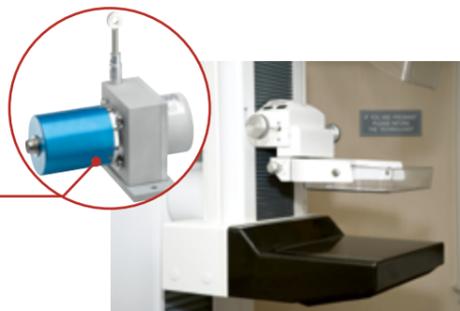
▲ Cylinder rod control

The sensor fitted with a wire rope cleaning brush allows it to be used in very dusty environments.



▲ Cut to size of wooden part

The design of these sensors, without an electronic board, allows them to be used in a medical environment, on mammography machines, for example.



▲ Position control

Thanks to their absolute signals, these sensors are capable of providing reliable position information in time.



▲ Structure displacement measurement

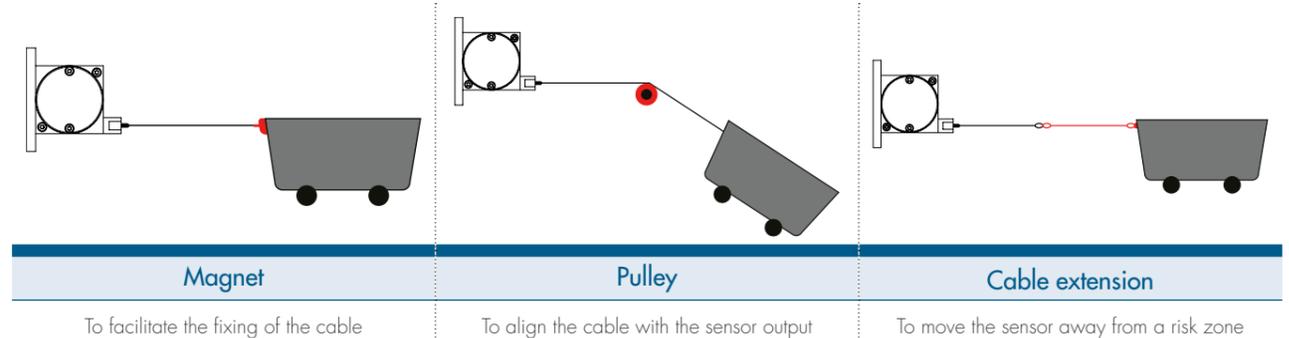
..... CAPTEURS



Type	PTSC	PTSA	PTSI	PTSM	PTLA	PTLI	PTLM
Full stroke range: F.S.	from 0 ... 150 mm to 0 ... 750 mm	from 0 ... 50 mm to 0 ... 6 m	from 0 ... 50 mm to 0 ... 6 m	from 0 ... 1.5 m to 0 ... 6 m	from 0 ... 10 m to 0 ... 50 m	from 0 ... 10 m to 0 ... 50 m	from 0 ... 10 m to 0 ... 50 m
Accuracy % F.S.	± 0.25 to 0.15 %	± 0.5 to 0.1 %	± 0.1 to 0.05 %	± 0.05 to 0.01 %	± 0.15 to 0.1 %	± 0.05 to 0.01 %	± 0.05 to 0.01 %
Output							
For customer encoder mounting	no	no	no	yes	no	no	yes
Protection level	IP50	IP67	IP67	NA	IP67	IP67	NA

Consult our complete product range on: www.scaime.com

..... ACCESSOIRES



Principle of operation

The cable sensor transforms the linear movement of the cable into rotary movement thanks to a drum connected to a return spring. The sensor delivers a signal proportional to the movement of the cable via a hybrid potentiometer or an optical encoder secured to the axis of the drum. The signal supplied can be analog or pulse. We also offer a range of sensors to mount your encoder.

