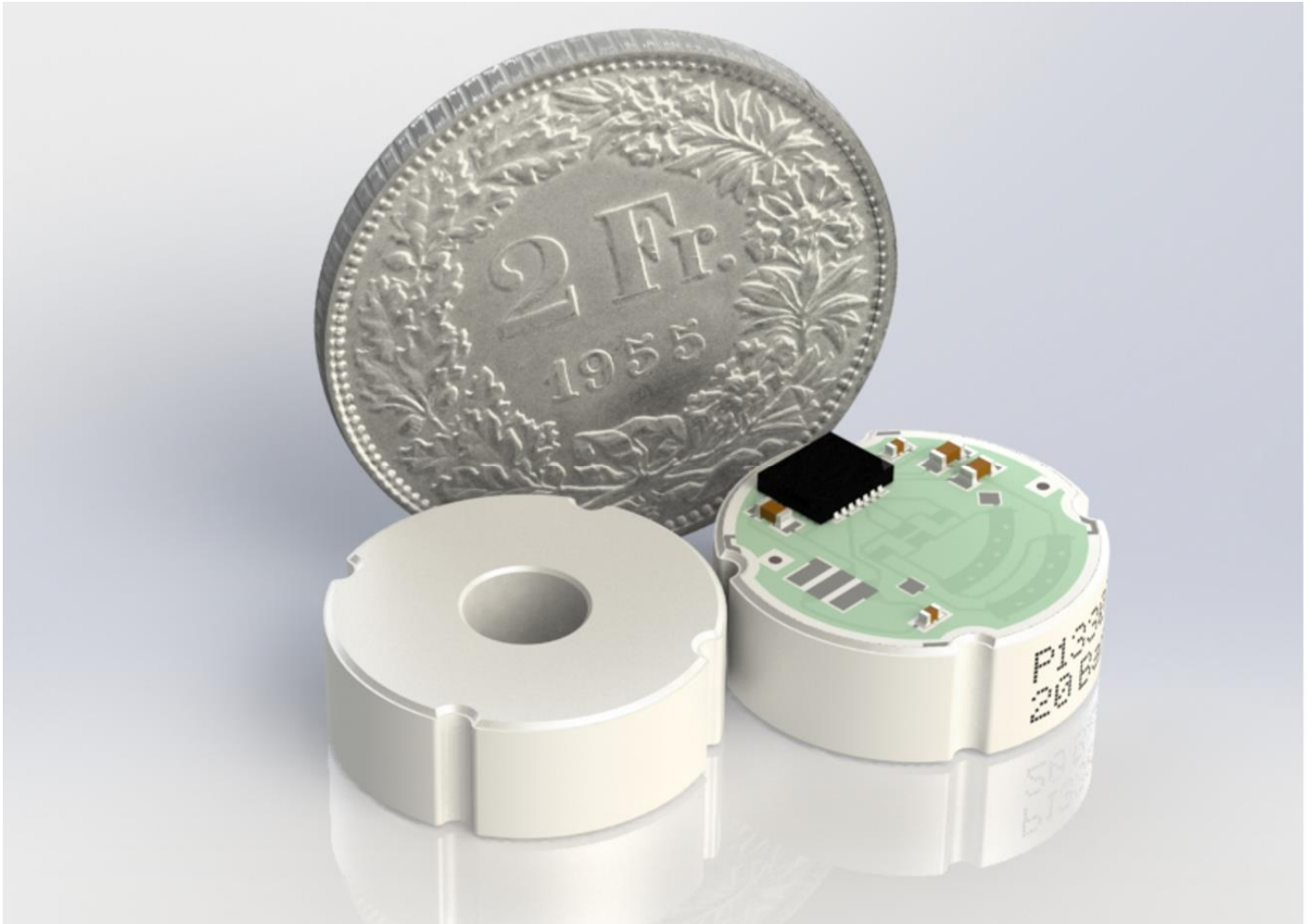




METALLUX

Swiss technology at your service

MONOLITHIC PRESSURE SENSOR WITH SIGNAL CONDITIONING ELECTRONICS



**Piezo-resistive ceramic
pressure sensor**

**Monolithic with signal
conditioning electronics on
sensor's body**

- 18 mm diameter
- Ratiometric output
- 96% Al₂O₃ ceramic
- From 5 to 400 bar
- Relative only
- Customizable



METALLUX

Swiss technology at your service

MONOLITHIC PRESSURE SENSOR WITH SIGNAL CONDITIONING ELECTRONICS



Metallux SA is a Swiss manufacturer of ceramic pressure sensors and thick film technology electronic circuits. Based in southern Switzerland, Metallux SA produces an extensive range of both standard and customized pressure sensors, together with technologically innovative hybrid circuits based on proprietary design and clients' specifications.

Metallux has added a new member to its family of monolithic pressure sensor, the new **ME790 family**, which branches out from the well-tested ME780 family. While the latter is composed by a cell with glued flush membrane, the new ME790 line uses a monolithic cell. Both lines have in common the signal conditioning **electronics mounted directly on the sensor's body**.

The Metallux ME790 monolithic PRESSURE sensor is the result of Metallux continuous endeavors in researching new materials and optimizing production processes. This new addition joins the advantages of the monolithic structure (**simplicity, intrinsic sturdiness and stability**) with the benefits of electronics mounted directly on the ceramic body (**reduced dimensions and adjustable parameters via calibration**).

With a pressure range from 5 to 400 bar and the possibility of customized calibration of its ratiometric output, the Metallux ME790 monolithic PRESSURE sensor is a sturdy and reliable device suited for the broadest range of application.