Solutions from sensors... to software

Well aware of the significance of information technologies development for our business, we have developed softwares associated with some of our products.

These softwares have been designed to bring some new connectivity solutions and meet our customers needs to:

- interface our products with automated systems
- carry out data analysis
- share the measurement results

Signal conditioning

We offer solutions for conditioning, display and transmission of the measurement.

Our electronics include functions covering a wide range of applications:

- Process control
- Press fit measurement
- Force control

For integration into industrial environments, we also offer:

- Standard interfaces with the main automated systems (Profibus-DP, Modbus-RTU, CANopen®)

Torque Measurement

Sensors, Accessories, Electronics

### ELECTRONICS

<table>
<thead>
<tr>
<th>Model</th>
<th>CPJ</th>
<th>eNoD4</th>
<th>PAX</th>
<th>GM80P</th>
<th>GM80PA-TG</th>
<th>SDI-718 B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Transmitters</td>
<td>mV/V, mV/4-20 mA, 0-10 V</td>
<td>mV/V, mV/4-20 mA, 0-10 V</td>
<td>mV/V, mV/4-20 mA, 0-10 V</td>
<td>mV/V, mV/4-20 mA, 0-10 V</td>
<td>mV/V, mV/4-20 mA, 0-10 V</td>
</tr>
<tr>
<td>Input</td>
<td>Indicators</td>
<td>0.05 %</td>
<td>0.01 %</td>
<td>0.02 %</td>
<td>0.1 %</td>
<td>0.1 %</td>
</tr>
<tr>
<td>Max. measuring speed (meas./s.)</td>
<td>Acquisition</td>
<td>0, 20</td>
<td>1, 200</td>
<td>0, 200</td>
<td>0, 200</td>
<td>14, 000</td>
</tr>
<tr>
<td>Display</td>
<td>LED 14 mm</td>
<td>LCD 9 mm</td>
<td>LCD 9 mm</td>
<td>PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logic Input / Output (IO)</td>
<td>2 / 2 S</td>
<td>2 E / 2 S</td>
<td>2 E / 2 S</td>
<td>2 E / 2 S</td>
<td>2 E / 2 S</td>
<td>2 E / 2 S</td>
</tr>
<tr>
<td>Analog output</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serial link RS485 / RS232</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modbus RTU / Profibus DP</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ACCESSORIES

Advice and technical assistance...

Customer support is one of the missions of our engineers. We are here to help you define your needs, choose the best solution and assist you during the implementation phases.

Technosite Altéa - BP501 - F 74105 ANNEMASSE Cedex
Tél. : +33 (0)4 50 87 78 64 - Fax : +33 (0)4 50 87 78 46 - info@scaime.com
Download all our technical documents from our website:

www.scaime.com
For all your applications...

We put all our expertise and technical experience in torque measurement at your service. Our static or rotating torque meters will enable you:

- to control torque wrenches very precisely
- to control the torque on screws
- torque regulation
- torque measurement on engines

Our various torque meters use a contactless technology for the transmission of the electrical signal between the stator and the rotor. This allows a very high rotation speed as well as reduced maintenance times due to low tear and wear.

Besides our standard range of torque meters, we can also offer you some custom-made solutions for your very specific torque applications.

At your service...

We have many calibration means and masses connected to international standards. We perform measurement systems adjustments and calibrations, carried out by specialized technicians in full respect of applicable standards.

Specific products...

This serie of torque meters has a very low space requirement thanks to its integrated couplings and can therefore be implemented in very reduced space.

The DR2554 offers a maximum rotation speed of 13 000 rpm with an accuracy ranging from 0.05 to 0.15 % of its nominal capacity. The DR2554 is a contactless sensor and therefore requires no special maintenance operations.

A product range from 0.005 to 20 000 Nm

Our torquemeters are able to measure torque on rotating parts (e.g. to measure a motor torque) or fixed parts (e.g. to check a torque wrench). We provide sensors for fields such as industry, automobile, test and inspection benches, assembly or screwing systems.

For your specific applications...

We offer a wide range of torque meters that can be adapted to your specific needs. Our team of experts can provide you with a custom solution to meet your requirements.

A comprehensive product range...

Our product range includes a variety of torque meters and sensors, covering a wide range of applications and capacities. Whether you need a torque meter for a static measurement or a rotating one, we have the solution for you.

The 2 AXIAL SENSORS table provides a quick overview of the torque and force capacities available. The SENSORS table lists the models and their technical specifications, including nominal torques, accuracy classes, and output signals.

We also offer ACCESSORIES such as coupling for torquemeter and other components to complement our torque measurement solutions.

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