

IP 68 SEALED PROBES

For oily and wet environments, Solartron now offers full IP 68 sealing on most gauging sensors

Description

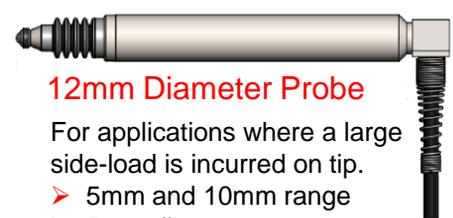
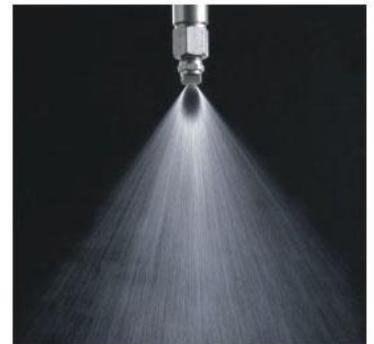
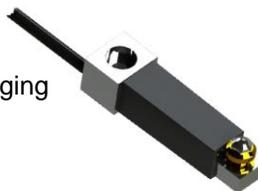
For oily, wet gauging applications where IP 65 rating is insufficient, Solartron now offers the extra step of sealing a gauging probe at all points of ingress, for a full **IP 68** rating.

The probe is tested to ensure a 100% seal before being shipped. Other transducer manufactures claim full sealing, but fail to perform this test.

- Sealing of IP 68 probes has been validated by 3rd party
- No loss in accuracy, repeatability, or resolution. Still as good as 0.01 µm resolution, 0.15 µm, repeatability, 0.05% F.S. accuracy.
- On the sealed probes, the Gaiter cannot be replaced in the field. If the Gaiter is torn, the probe must be returned to the Solartron factory for repair.
- Gaiter fluoroelastomer in general has a high temperature tolerance and chemical resistance rating. It is a synthetic rubber that resists many hydrocarbons, biodiesel, and petrochemicals, *but is NOT compatible with ketones. Do not use with acetone, esters, amines, organic acids, acetic acid, MEK, ethyl acetate, highly polar chemicals, etc.*
- The IP 68 sealing is available for most standard Digital Orbit[®] and TTL spring and pneumatic probes.
- Sealing is NOT available for Jet probes, Feather Touch, Ultra Feather Touch, Mini Probe, Lever Probe, and other select sensors. (Please consult your local Solartron representative for details.)
- The IP 68 Sealed Probe is still meant to be a “post process” sensor.

DUSM Probe

- 0.5 mm range
- IP 68 sealing
- Excellent for bore gauging



12mm Diameter Probe

- For applications where a large side-load is incurred on tip.
- 5mm and 10mm range
- 5mm diameter stem
- IP 68 sealing available

Precision. Quality. Reliability

www.solartronmetrology.com • sales.solartronmetrology@ametek.com

Datasheet: 503522 Issue number: 18/08

Sales Offices

UK (Headquarters and Factory)

Solartron Metrology
Bognor Regis, West Sussex, PO22 9ST
Tel: +44 (0) 1243 833 333
Fax: +44 (0) 1243 833 332
Email: sales.solartronmetrology@ametek.com

France

AMETEK SAS
Solartron Metrology Division
Elancourt, 78990 France
Tel: +33 (0) 1 30 68 89 50
Fax: +33 (0) 1 30 68 89 99
Email: info.solartronmetrology@ametek.fr

Germany

AMETEK GmbH
Solartron Metrology Division
40670 Meerbusch
Tel: +49 (0) 2159 9136 500
Fax: +49 (0) 2159 9136 505
Email: vertrieb.solartron@ametek.de

Brazil

AMETEK do Brasil, Ltda
Rod. Eng Ermenio de Oliveira Penteado, Km 57, SP75
Bairro Tombadouro
13337-300, Indaiatuba, SP, Brasil
Tel: +55 19 2107 4126

China

AMETEK Commercial Enterprise (Shanghai)
Co., Ltd
Shanghai, 200131, China
Tel: +86 21 5763 2509
Email: china.solartronmetrology@ametek.com

North America

Solartron Metrology
USA Central Sales Office
Gastonia, NC 28054
Tel: +1 800 873 5838
Email: usasales.solartronmetrology@ametek.com

India

Contact Solartron Metrology UK
Tel: +44 (0) 1243 833 333
Fax: +44 (0) 1243 833 332

Distributors

Solartron have 30+ distributors worldwide, see website www.solartronmetrology.com for your nearest distributor

Precision Driven...

In the laboratory, on the shop floor or in the field, Solartron Metrology's products provide precise linear measurements for quality control, test and measurement and machine control. Solartron Metrology is a world leader in the innovation, design and manufacture of precision digital and analogue dimensional LVDT gauging probes, displacement sensors, optical linear encoders and associated instrumentation.



Solartron Metrology pursues a policy of continuous development. Specifications in this document may therefore be changed without notice.