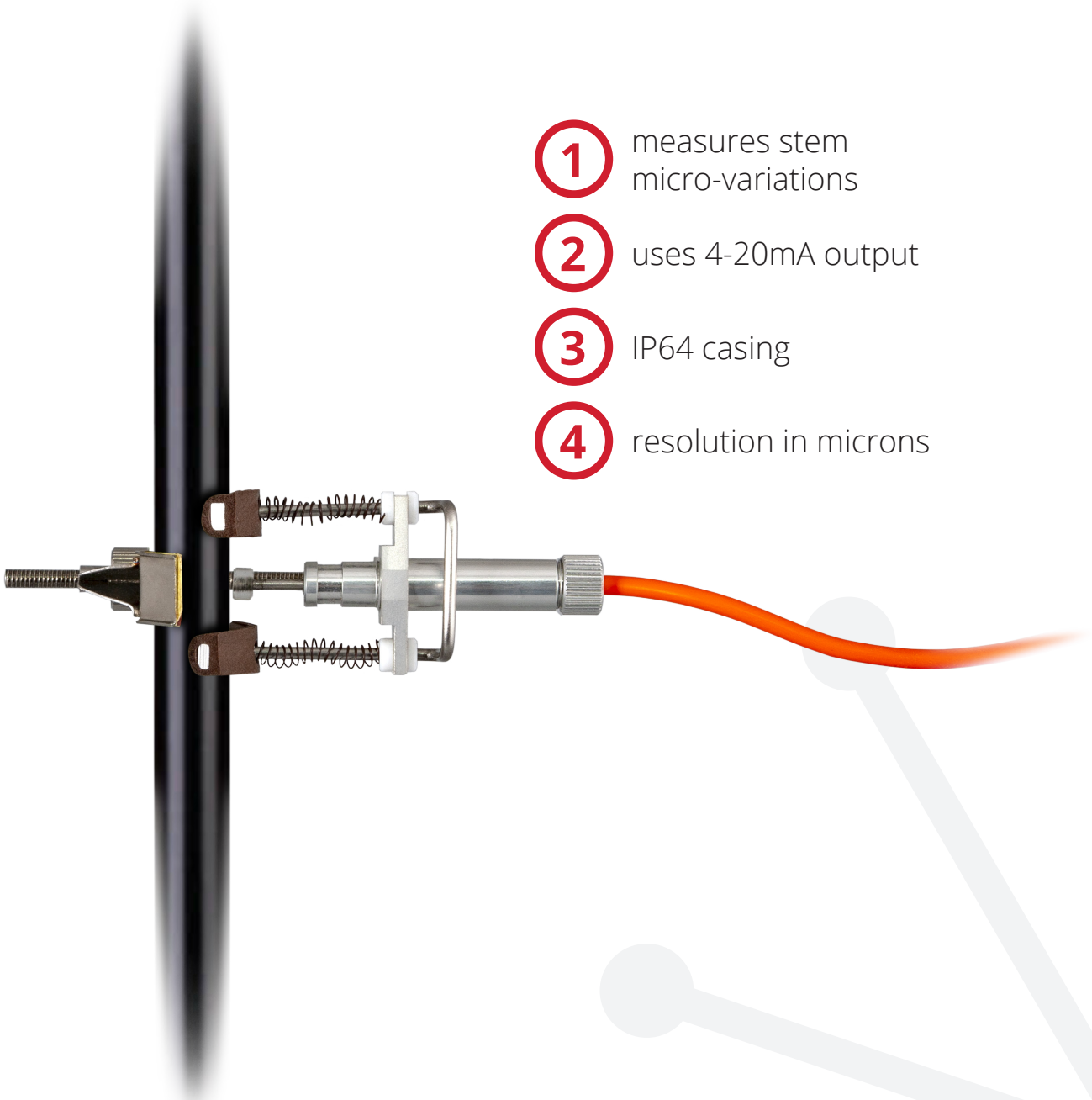


# STEM MICRO-VARIATION SENSOR



- ① measures stem micro-variations
- ② uses 4-20mA output
- ③ IP64 casing
- ④ resolution in microns

sensor allows investigating effects of irrigation rate and other environmental factors on water balance and growth of plants.

## Stem Micro-Variation Sensor SD-5Mi (4-20mA output)

|   |                             |
|---|-----------------------------|
| Measurements                                      | Stem Micro-Variation        |
| Measurement range                                 | 0 to 5 mm                   |
| Stem diameter range                               | 5 to 25 mm                  |
| Output  | 4 to 20 mA*                 |
| Resolution  | < 0.002 mm (w/filter)       |
| Operating temperature                             | 0°C to 50°C (32°F to 122°F) |
| Supply Voltage                                    | 10 to 30 VDC**              |
| Power   | max 2W                      |
| Protection class                                  | IP64                        |
| Cable length between probe and signal conditioner | 1 m (3.3ft)                 |
| Part number                                       | TDSPSD01                    |

\* Available outputs: 0 to 20 mA, 4 to 20 mA, 0 to 2 VDC.

\*\* Power supply unit is not included.

For additional information about Stem micro-variation sensor, refer to [www.phyto-sensor.com](http://www.phyto-sensor.com)

