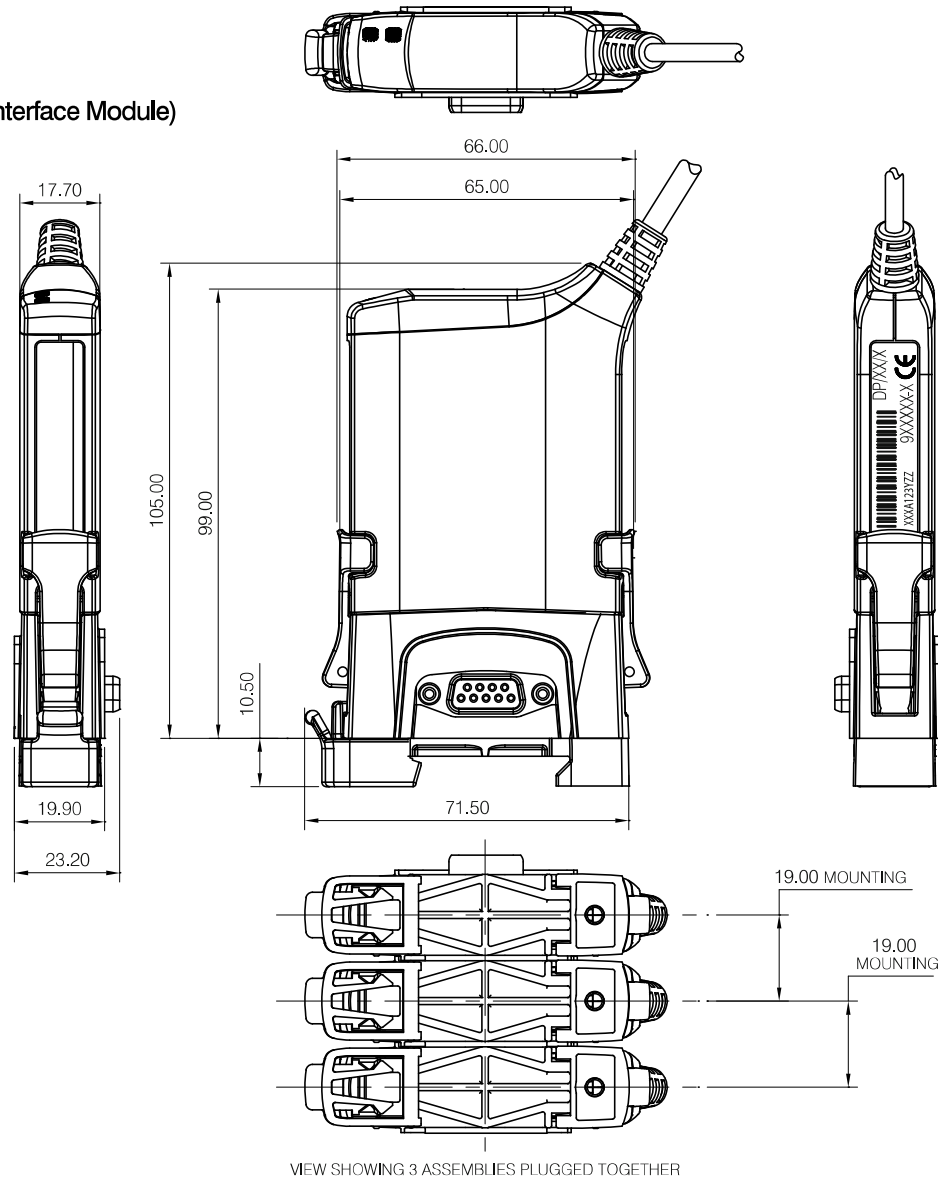
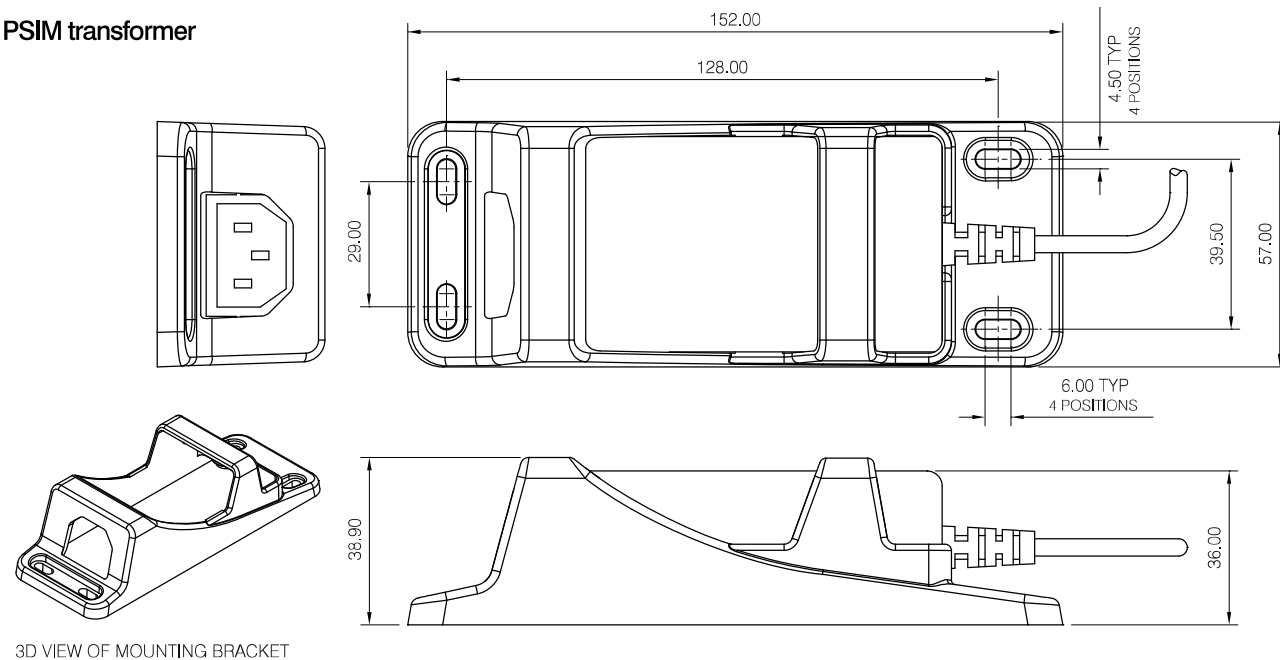


## Orbit® interface components dimensions (mm)

PSIM (Power Supply Interface Module)



PSIM transformer



3D VIEW OF MOUNTING BRACKET

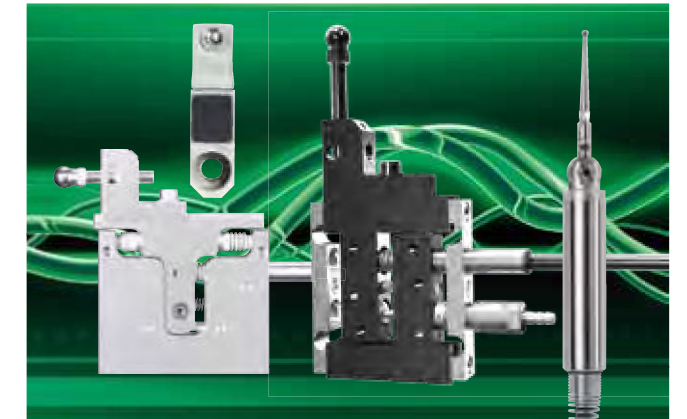
## Other Solartron sensor solutions



### Gauging Sensors

Our Specialist Gauges make precision measurements of miniature parts, bores and cavities a simple and reliable process.

- ▶ Measurement ranges from 0.5mm to 10mm
- ▶ Resolution down to 0.01µm
- ▶ Repeatability: <0.25µm
- ▶ IP65 protection
- ▶ LVDT and half bridge
- ▶ Pneumatic or spring actuation
- ▶ Range of changeable tips



### Specialist Gauging Sensors

Our extensive range includes Inductive and Optical Encoder Probes and probes with integrated electronics.

- ▶ Measurement ranges from 0.5mm to 100mm
- ▶ Accuracy to 0.1% of reading (inductive) or 0.4µm for encoders
- ▶ Resolution down to 0.01µm or better
- ▶ Probe diameters from 6mm
- ▶ LVDT or Half Bridge
- ▶ Spring push, Pneumatic push or Vacuum retract
- ▶ Precision linear bearings

## GEMCO Series Magnetostrictive Displacement Sensors

### S953

- ▶ 25.4 mm to 7620 mm measuring range
- ▶ <0.01% linearity
- ▶ Vibration resistant up to 30G
- ▶ Shock Resistant up to 1000G
- ▶ Tricolour diagnostic LED
- ▶ All standard current and voltage outputs
- ▶ RS, VP, CP and TP Digital outputs
- ▶ IP 68
- ▶ Protective housings for harsh environments



The S953 VMAX Linear Displacement Transducer is the ideal solution for automation solutions requiring accurate feedback of continuous position. It is especially recommended in environments where vibrations, extreme temperature and contaminants are present. The S953 is an ideal solution when velocity and position need to be incorporated into the automation control system process.

### S955

- ▶ 100 mm to 4572 mm measuring range
- ▶ <0.05% linearity
- ▶ Non-contact applications
- ▶ Analogue voltage and current outputs
- ▶ Analogue zero and span adjustable
- ▶ Digital RS, VP and CP outputs
- ▶ Quadrature outputs
- ▶ Tricolour diagnostic LED
- ▶ IP 67 (IP 68 optional)



Designed for OEMs as an alternative to limit switches, proximity sensors or linear potentiometers, the S955 Brik Linear Displacement Transducer is an economical solution for monitoring continuous position. The sensing element and electronics are housed in a streamlined anodized aluminium extrusion. Position is determined by a magnet, linearly guided over the sensing element.