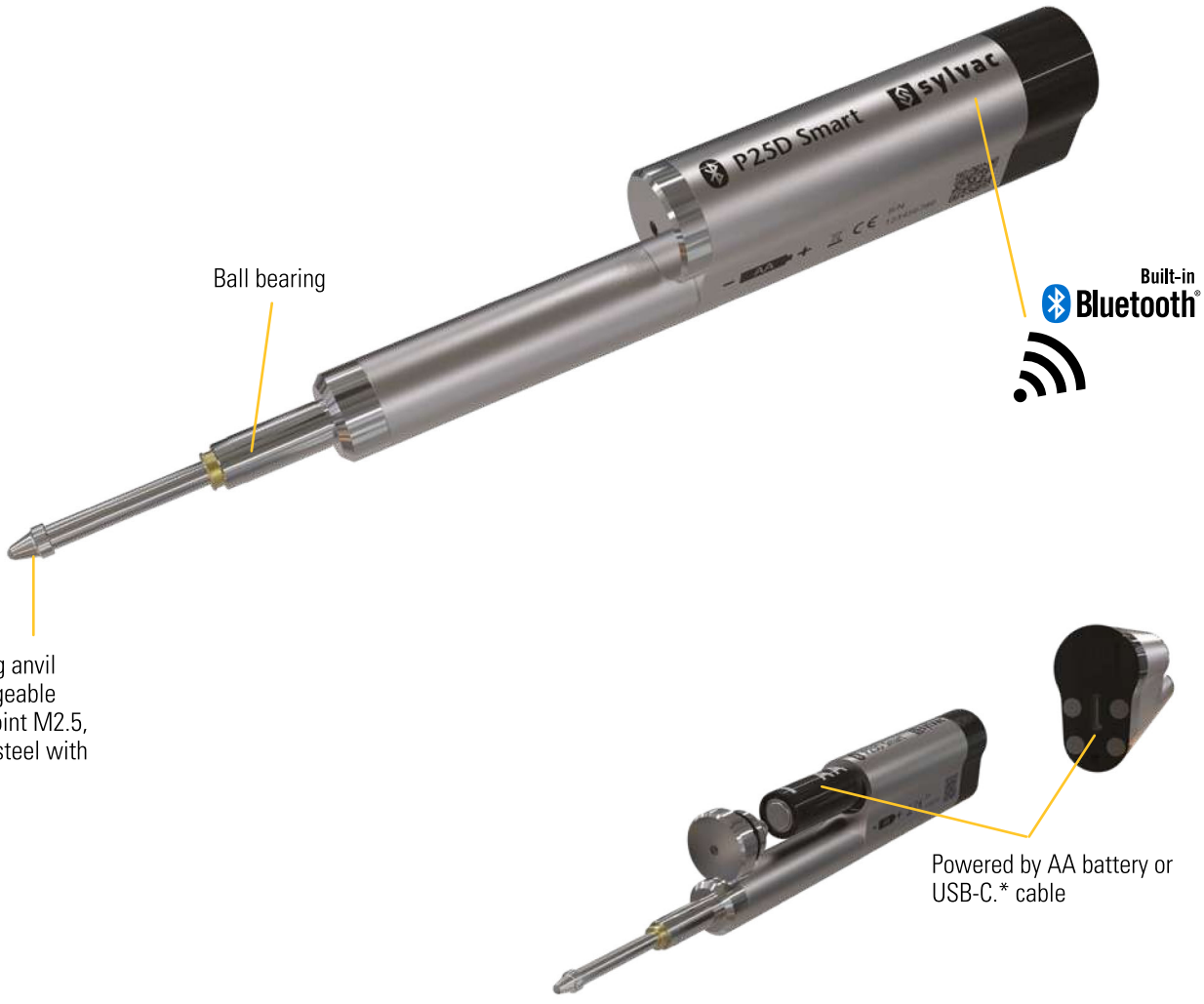
Absolute digital measuring probes P25D Smart

DESCRIPTION

- High-precision measuring probes with patented inductive measuring system
- Absolute system with electronic error correction guaranteeing high accuracy over the entire measuring range
- Extremely robust ball bearing guide guarantees a minimum of 100 million cycles (30 millions with radial load)
- Stainless steel body Ø 15.5 mm, fixing diameter 8 h6
- Measuring range 25.4 mm
- Standard force 0.7 - 1.3N or constant 0.15N
- Reading speed up to 100 values per second depending on configuration
- Protection class IP54



SWISS MADE

IP54

* The USB-C cable does not charge the probe, it only powers the probe.

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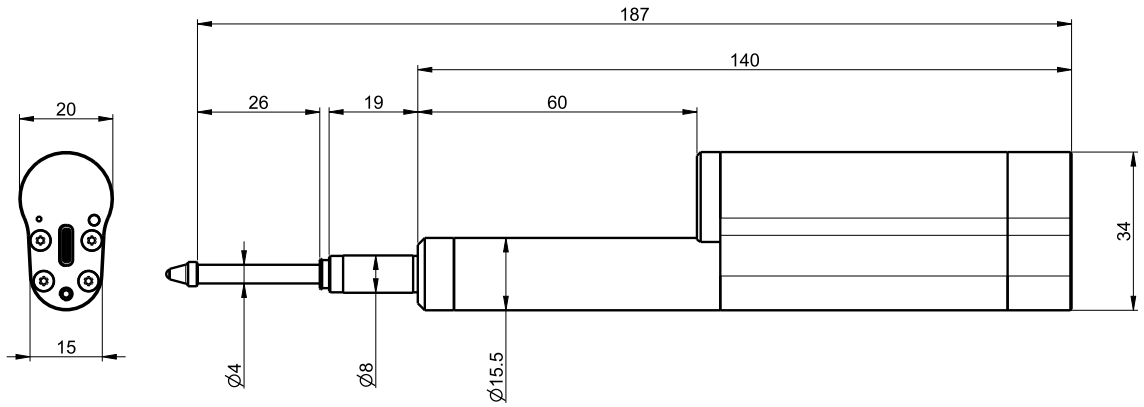
DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS

		801-1626	801-1636
Type		P25D Smart	P25D Smart CF
Force [1]	N	0.7 - 1.3 [1]	0.15 [2]
Measuring range	mm	25.4	
Resolution	µm	0.01	
Max. Error	µm	0.8	
Repeatability	µm	0.08	
Power supply		1.5V AA (LR06) battery (rechargeable 1.2V battery can be used) / 4.5 – 5.5V on USB-C port	
Output data		Bluetooth® wireless technology	
Protection		IP54	

[1] ± 20%, vertical position
[2] CF = constant force : usable only vertically, rod pointing downwards (without spring)

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STANDARD DELIVERY

- Probe according to technical specifications
- Battery AA
- Stainless steel contact point with tungsten carbide ball Ø 2 mm
- Quickstart
- Calibration certificate