proofline® series
fully sealed – low maintenance

Application/customer benefits
- Inductive component detection / distance measurement
- High-precision, multi-dimensional position control
- Parameterizable sensor technology
- Communication interfaces IO-Link or analog signal
- Available for e-motion chucks (MM,CC) or as retrofit solution

Technical data
- Accuracy < 0.01 mm
- Signal output IO-Link or analog signal 0 - 10 V
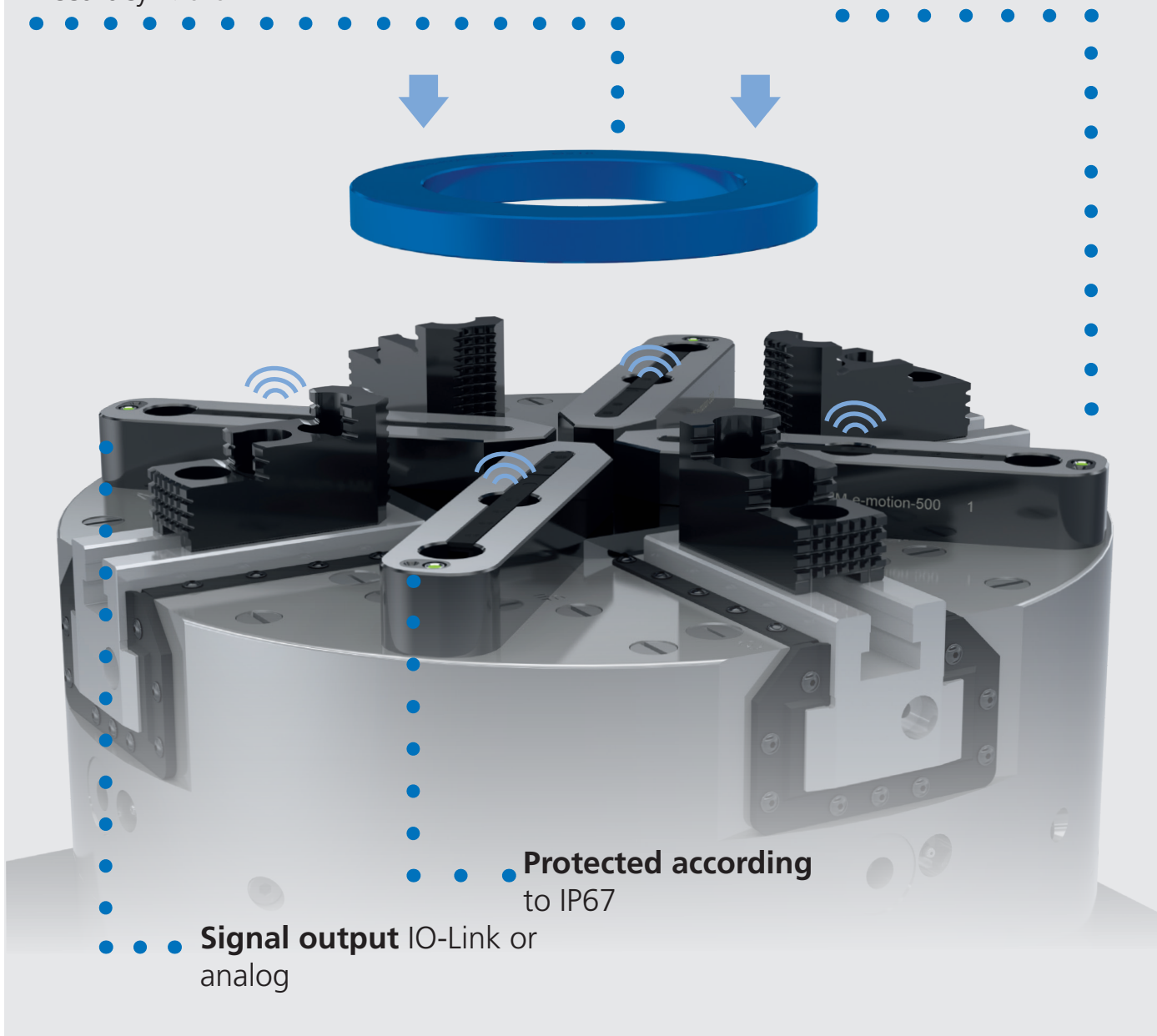- **proofline®** = sealed - low maintenance
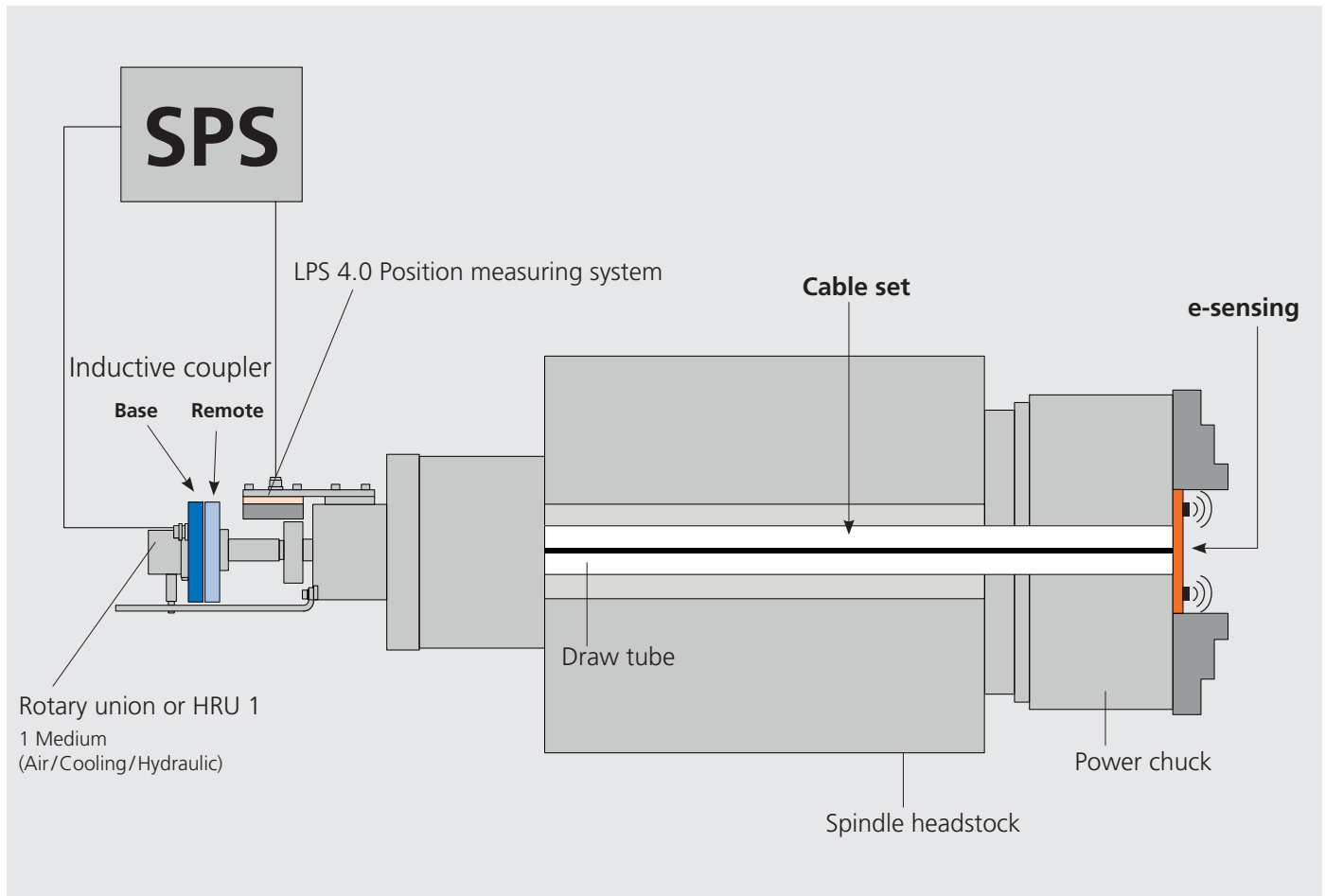
Standard equiment
Product-specific tool stop

e-sensing

High-precision inductive component detection/
Distance measurement, parameterizable,
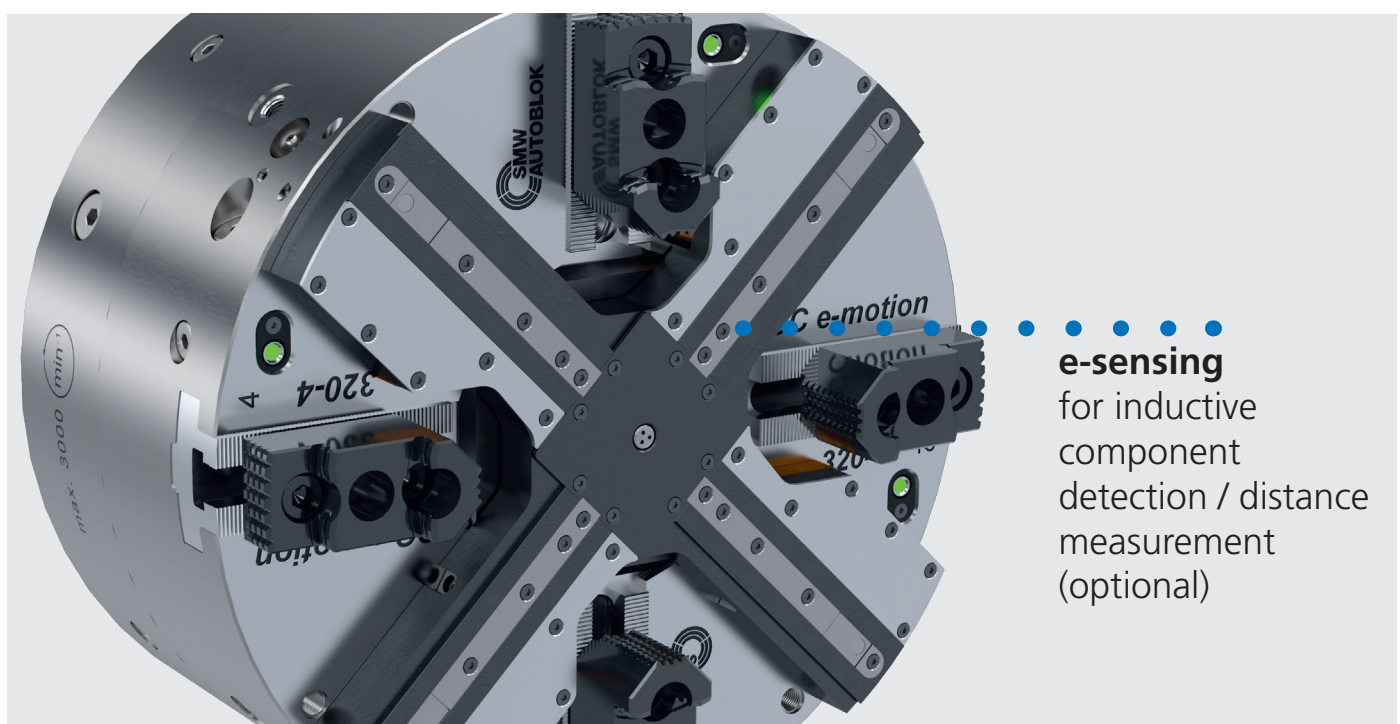Accuracy < 0.01 mm

LED Status display

Protected according
to IP67

Signal output IO-Link or
analog

Integration power chuck scheme

SPS

LPS 4.0 Position measuring system

Inductive coupler

Base **Remote**

Cable set

e-sensing

Rotary union or HRU 1
1 Medium
(Air/Cooling/Hydraulic)

Draw tube

Power chuck

Spindle headstock

Example of integration CC *e-motion*

e-sensing
for inductive
component
detection / distance
measurement
(optional)