SCU

Linear stroke control unit for Steady Rests

■ Completely sealed, protection class IP 66
■ Output signal 4-20 mA or 0-10 V

proofline® series
fully sealed – low maintenance

Application/customer benefits

- For SMW-AUTOBLOK Steady Rests
- Linear monitoring of the complete clamping stroke avoids collision with the tools, which is an added safety feature
- Time saving by only partial opening of the Steady Rest (with corresponding hydraulic power unit)

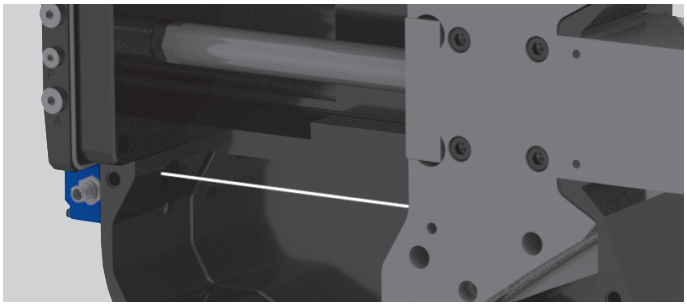
Technical features

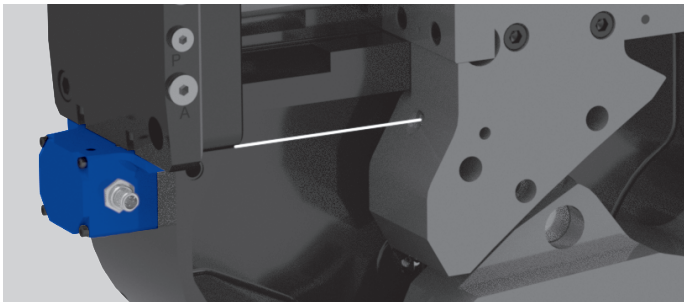
- Protection class IP 66
- Output signal 4-20 mA or 0-10 V
- Electrical power supply 24 VDC
- **proofline®** = fully sealed – low maintenance

Accessories

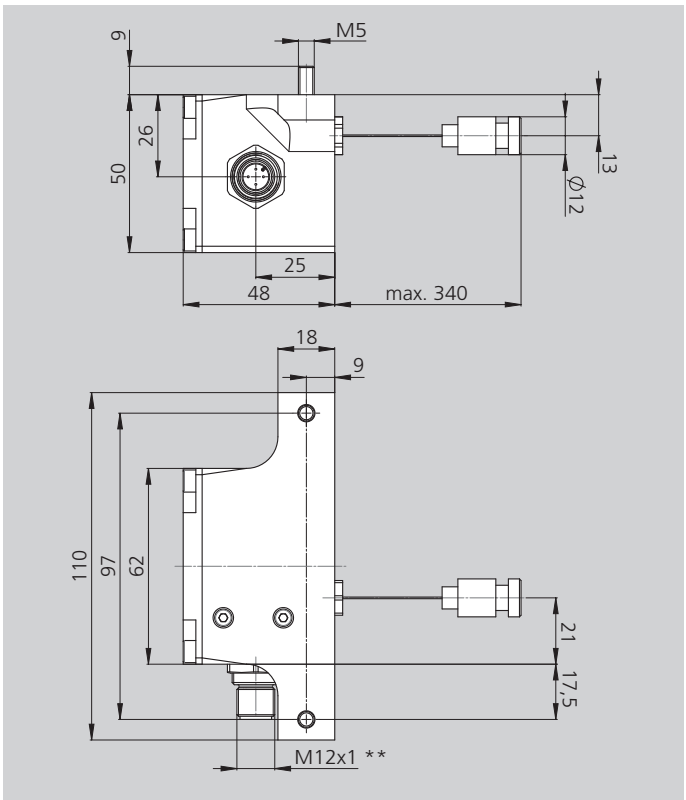
Sensor connection cable see LPS 4.0
(Plug M12 x 1 4-pin) see general catalog page 313

Installation and Position

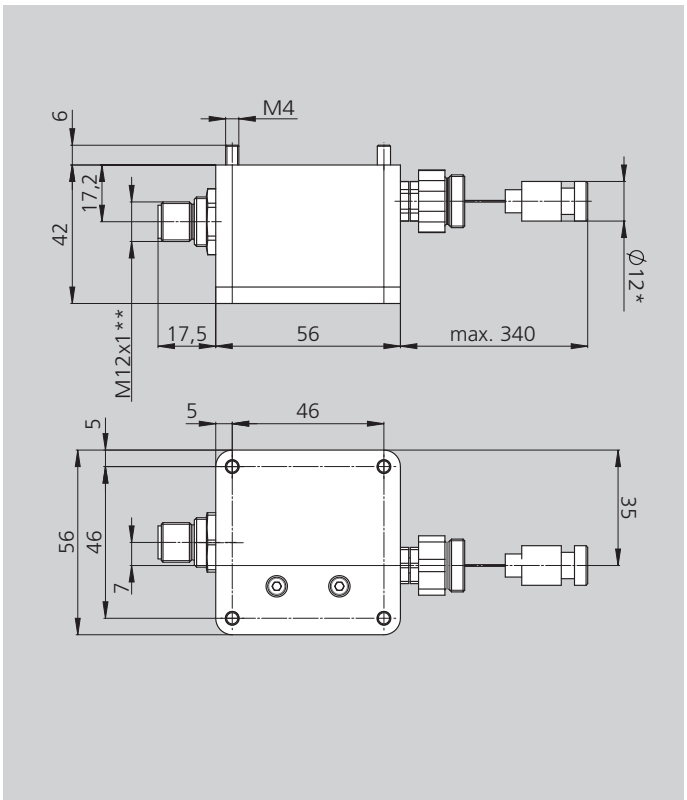




Technical data for Steady Rests type RX
SCU, output 4-20 mA: Id. No. 224244
SCU, output 0-10 V: Id. No. 225924



Technical data for other Steady Rests types
SCU, output 4-20 mA: Id. No. 225440
SCU, output 0-10 V: Id. No. 226122



Note for both SCU types: It is about a two-wire system. The measuring current is simultaneously acting to feed the transformer.
Subject to technical changes. For more detailed information please ask our customer service.

* For mounting Steady Rests type KLU: Ø 8 mm.

** Connector 4-pin.

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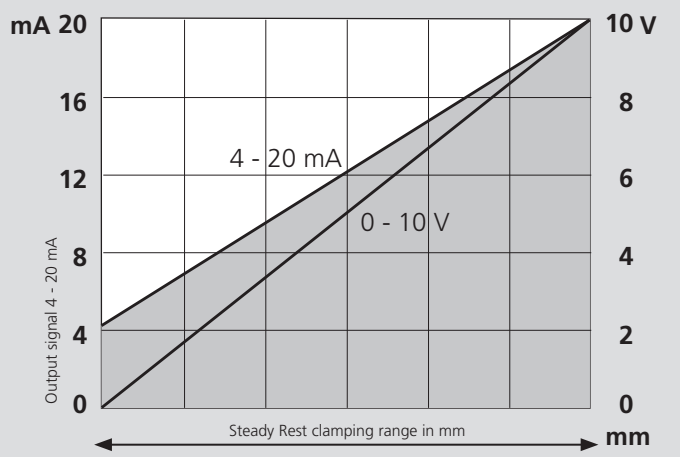
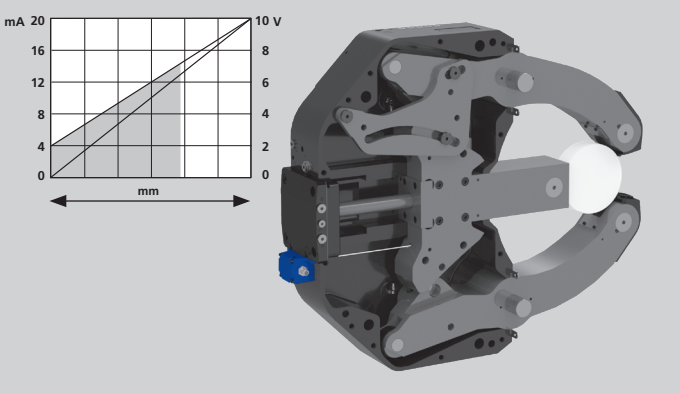
Linear stroke control unit SCU

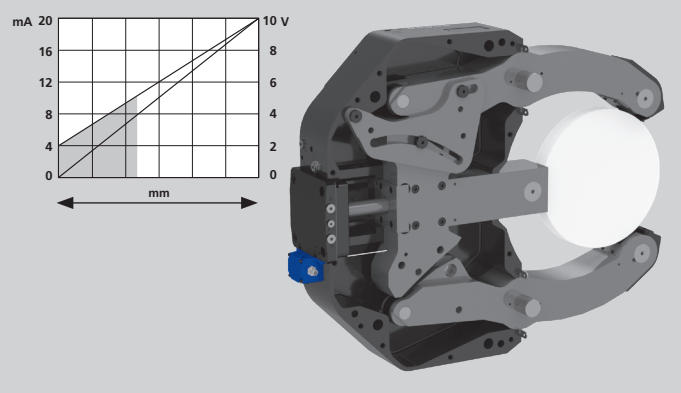


The linear stroke control unit Type SCU provides a linear output signal between min. 4 mA and max. 20 mA depending on the Steady Rest clamping range.
This allows to detact any position of the Steady Rest, and thus of the Steady Rest arms, safely.

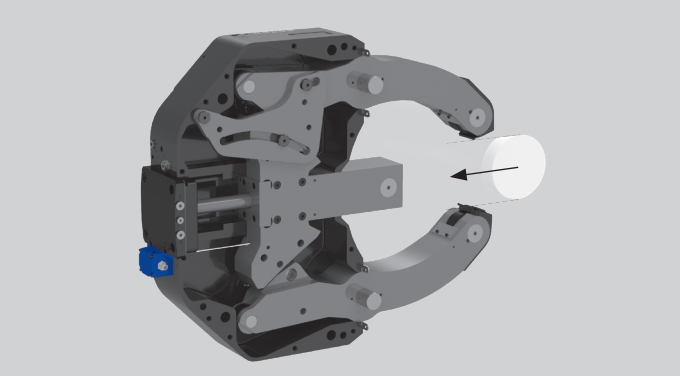
- Time saving by only partial opening the Steady Rest (with corresponding hydraulic power unit).
- Collision protection by evaluation of the output signal of the machine control.

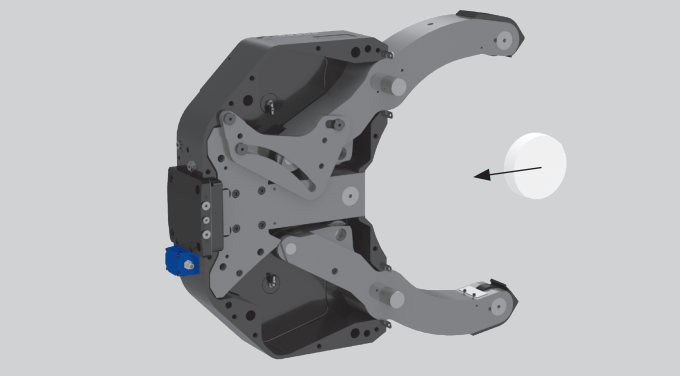
Output signal depending on the Steady Rest clamping range





Time saving by only partial opening of the Steady Rest





Collision protection by evaluation of the output signal