

- Digitized through integrated sensor technology
- Automated quick jaw change
- Self-centering clamping

### Application/customer benefits

- Integrated sensor technology: Measuring system for jaw position
- Quick jaw change for shortest changeover times, also automatically via robot
- High clamping force for high cutting performance
- Extra long clamping stroke for maximum flexibility
- Integrated safety valves to maintain clamping force in case of pressure drop
- Connection for pressure monitoring
- Hydraulic connection laterally or from below through the connecting plate for highest flexibility

### Technical features

- Hydraulic actuation max. 250 bar
- Clamping force max. 75 kN
- Jaw stroke 55 mm (per jaw)
- Only suitable for O.D. clamping
- **proofline®** = fully sealed - low maintenance



**proofline® series**  
fully sealed – low maintenance

## SLX digit

**Quick jaw change**  
manual or automatic  
via robot

**Extra long  
jaw stroke**

**Sealed  
guideway**



**Hydraulic connections**  
laterally or from below

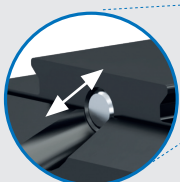
**Extra long and  
stable guidance**  
Integrated, linear  
**position sensor**

**Air sensing**  
Top jaws

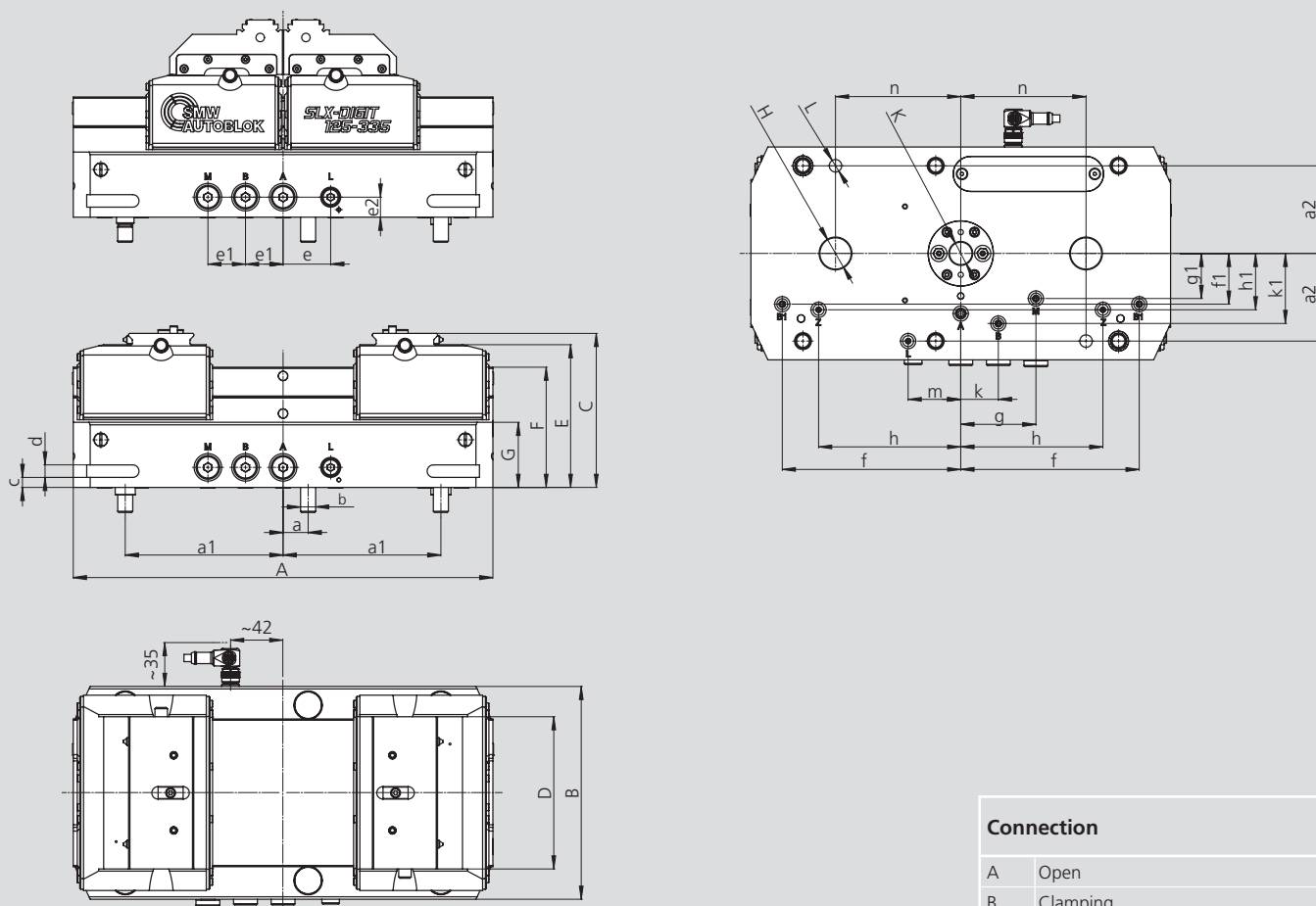
Integrated hydraulic  
**safety valves**

## Quick jaw change / automated by robot

**Pin actuation for robotic  
jaw change**



## Dimension and technical data



Subject to technical changes.  
For more detailed information please ask our customer service.

## Connection

|    |                                     |
|----|-------------------------------------|
| A  | Open                                |
| B  | Clamping                            |
| B1 | Clamping with non-return valve      |
| L  | Air sensing top jaw                 |
| M  | Connection for pressure monitoring  |
| Z  | Control connection non-return valve |

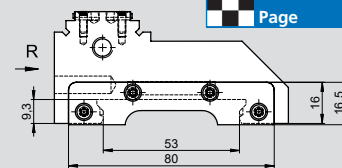
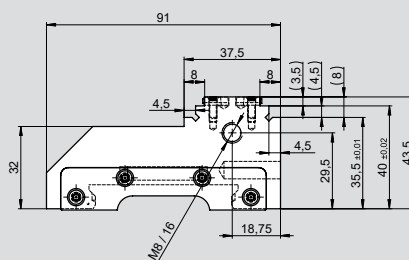
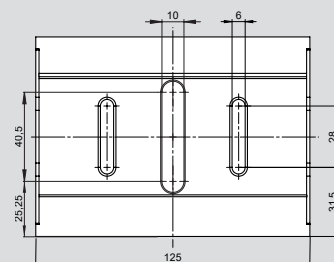
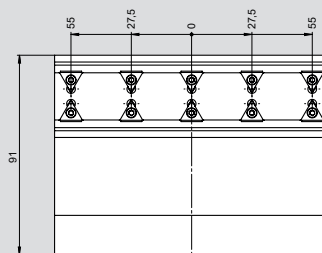
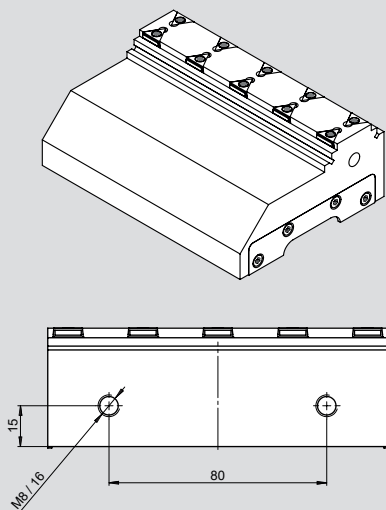
| SMW-AUTOBLOK Type SLX digit    |             |     | 125-335                 |
|--------------------------------|-------------|-----|-------------------------|
| Length                         | A           | mm  | 335                     |
|                                | B           | mm  | 170                     |
|                                | C           | mm  | 123                     |
| Jaw width                      | D           | mm  | 121.6                   |
|                                | E           | mm  | 114                     |
|                                | F           | mm  | 96                      |
|                                | G           | mm  | 52                      |
|                                | H           | mm  | Ø25 <sup>H7</sup> x 5.5 |
| Fit                            | K           | mm  | Ø18 <sup>H7</sup> x 5.5 |
| Mounting hole                  | L           | mm  | Ø10 <sup>H7</sup> x 12  |
|                                | a / a1 / a2 | mm  | 20 / 126 / 70           |
|                                | b           | mm  | 6 x M12                 |
|                                | c           | mm  | 8                       |
|                                | d           | mm  | 10                      |
|                                | e / e1 / e2 | mm  | 38 / 30 / 16            |
|                                | f / f1      | mm  | 142.5 / 40.5            |
|                                | g / g1      | mm  | 60 / 36                 |
|                                | h / h1      | mm  | 113.5 / 45              |
|                                | k / k1      | mm  | 30 / 56                 |
| Max. clamping force at 250 bar | m           | mm  | 70                      |
|                                |             | kN  | 75                      |
|                                |             | bar | 250                     |
|                                |             | mm  | 55                      |
|                                |             | kg  | 35.5                    |

| Type                                  | Output signal | Id. No. Standard actuation | Id. No. External stop valve actuation |
|---------------------------------------|---------------|----------------------------|---------------------------------------|
| SLX digit connection sideways         | 0 - 10 V      | 461750                     | 461745                                |
| SLX digit connection sideways         | 4 - 20 mA     | 461751                     | 461746                                |
| SLX digit connection below            | 0 - 10 V      | 461752                     | 461747                                |
| SLX digit connection below            | 4 - 20 mA     | 461753                     | 461748                                |
| SLX digit without position monitoring | -             | 461754                     | 461749                                |

- Top jaws
- Connecting cables LPS 4.0

### SLX-125-335

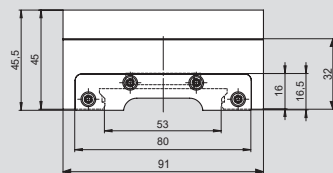
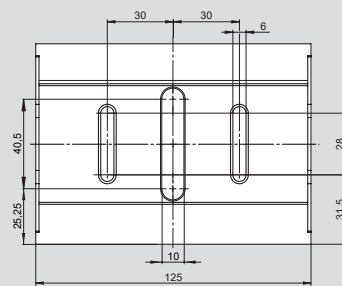
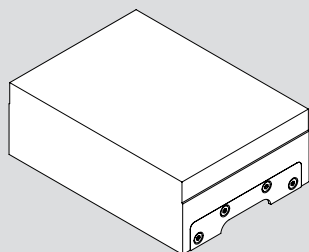
#### Top jaw SinterGrip



| Type        | Id. No. | max. total clamping force | Clamping range A/B<br>with SinterGrip | Clamping range A/B<br>smooth |
|-------------|---------|---------------------------|---------------------------------------|------------------------------|
| SLX-125-335 | 461521  | 75 kN                     | 14,5-223,5 / 123-232 mm               | 9-118 / 116-225 mm           |

### SLX-125-335-H45

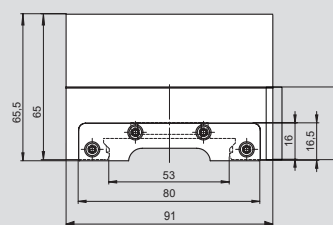
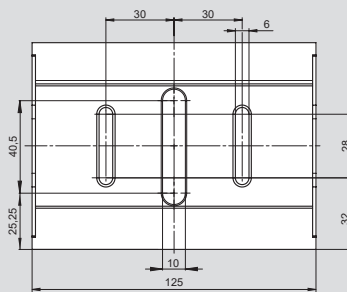
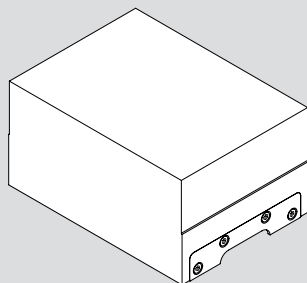
#### Soft top jaw



| Type            | Id. No. | max. total clamping force | min. jaw height | Weight |
|-----------------|---------|---------------------------|-----------------|--------|
| SLX-125-335-H45 | 461523  | 75 kN                     | 32 mm           | 3,5 kg |

### SLX-125-335-H65

#### Soft top jaw high



| Type            | Id. No. | max. total clamping force | min. jaw height | Weight |
|-----------------|---------|---------------------------|-----------------|--------|
| SLX-125-335-H65 | 461525  | 75 kN                     | 32 mm           | 5,2 kg |

#### Cable\* for LPS 4.0 80 IO

Connecting cable with straight plug  
M12 x 1 5-pole

Length

Id. No.

5 m 208244  
10 m 208245  
15 m 208246

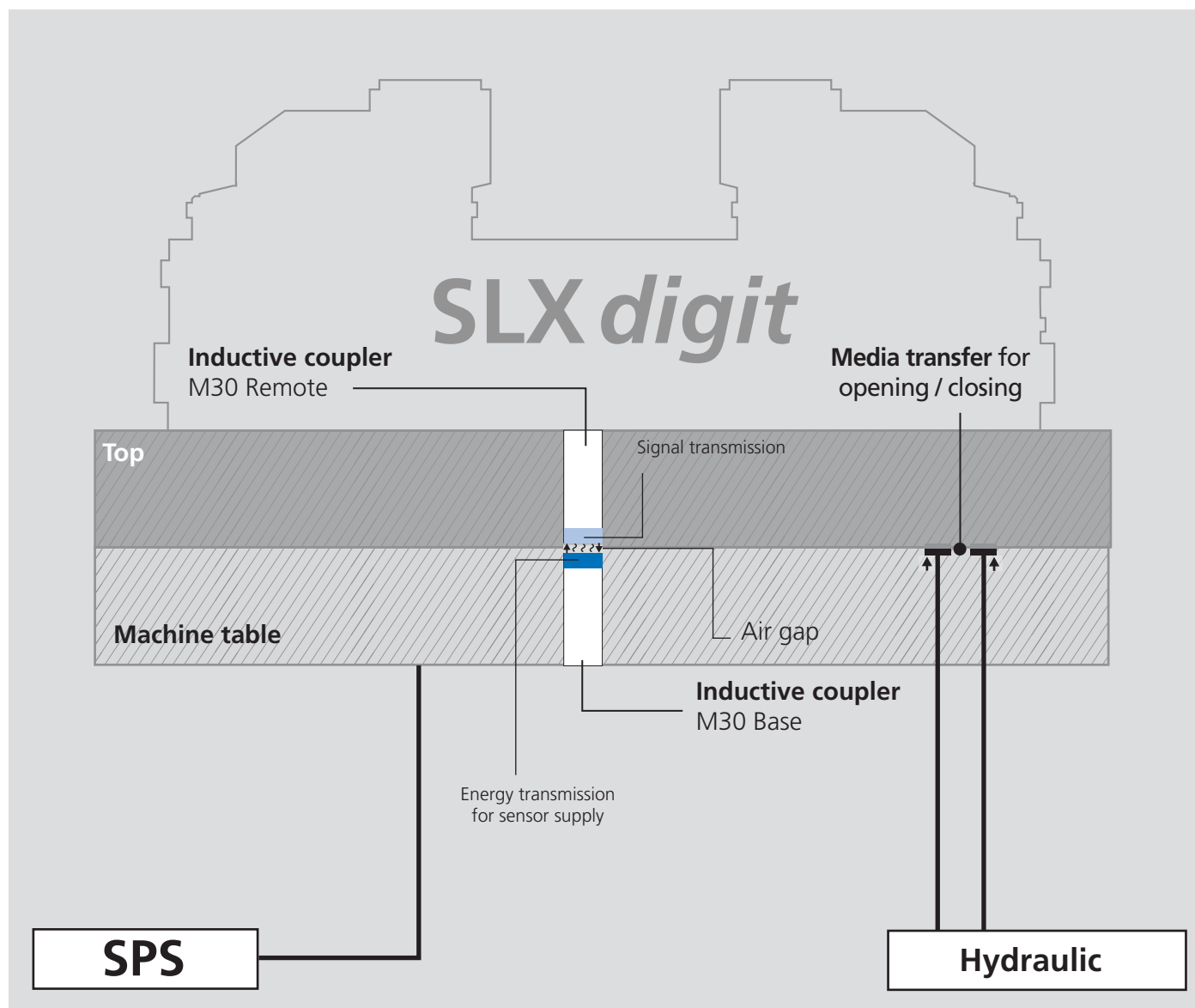
Connecting cable with angled  
M12 x 1 5-pole

5 m 208247  
10 m 208248  
15 m 208249



\* Shielded PUR cable, 1 side cable end,  
1 side with socket M12 x 1, machined and gold-plated contacts.

Integration example with inductive coupling system



Inductive coupling system:  
further information at [www.smw-electronics.de](http://www.smw-electronics.de)