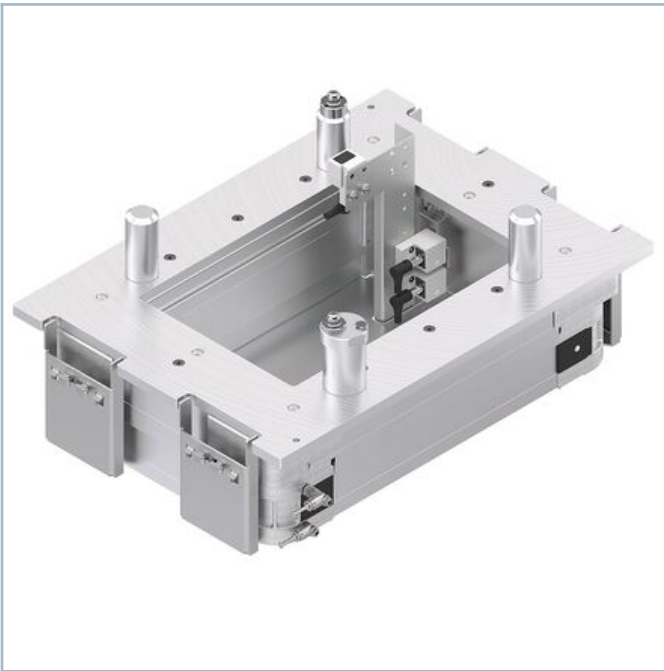


PE 5/L positioning unit



- Positioning a workpiece pallet in a manual or automated processing station in the longitudinal conveyor with high positioning accuracy requirements (± 0.3 mm)

 Assembly instructions

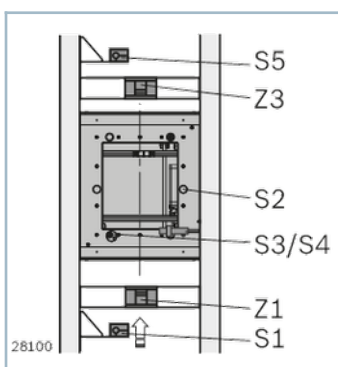
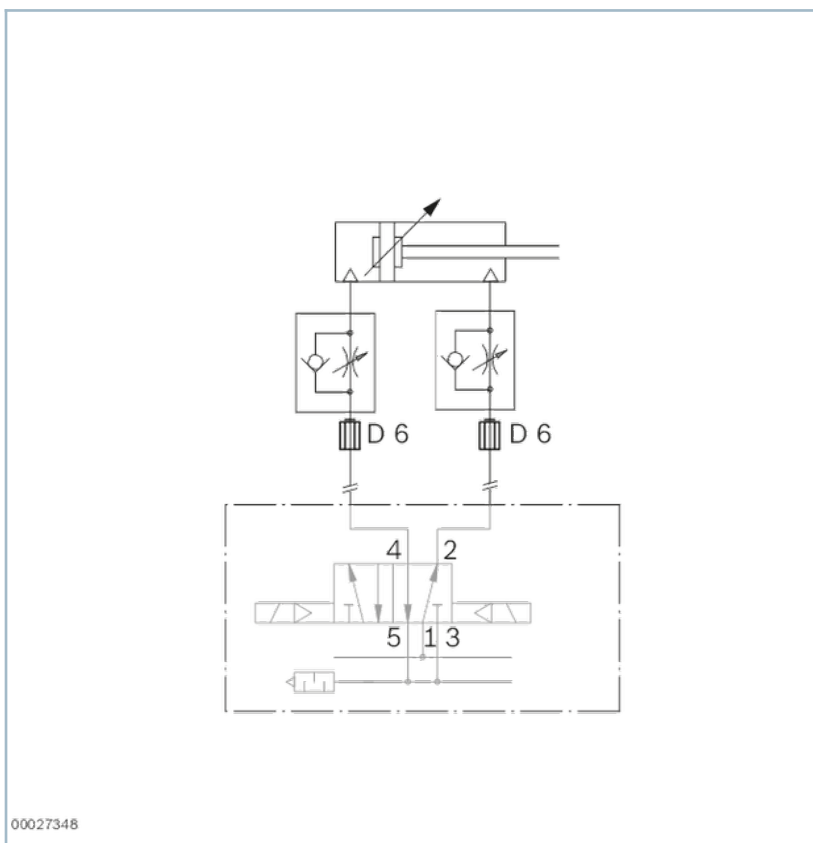
- Can be used with all WT 5 workpiece pallets
- Installation only possible from above
- Lift over transport level: 5 mm
- Positioning accuracy: ± 0.3 mm in x and y direction
- Permissible vertical process force with center load:
up to 3500 N²⁾ depending on WT weight, i.e. permitted load of 3500 N – weight WT = possible process force
- Suitable for ST 5/XH and ST 5/H (not ST 5/XH-FR or ST 5/H-FR)
- Compressed air connection: 5 ... 6 bar
- Push in air connection: 8 mm
- ²⁾ If assembling in a ST 5/H section place legs directly in front of and behind the PE 5/L.

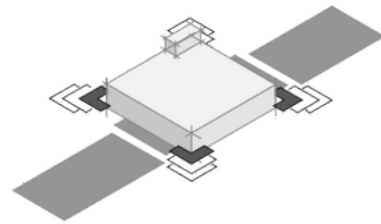
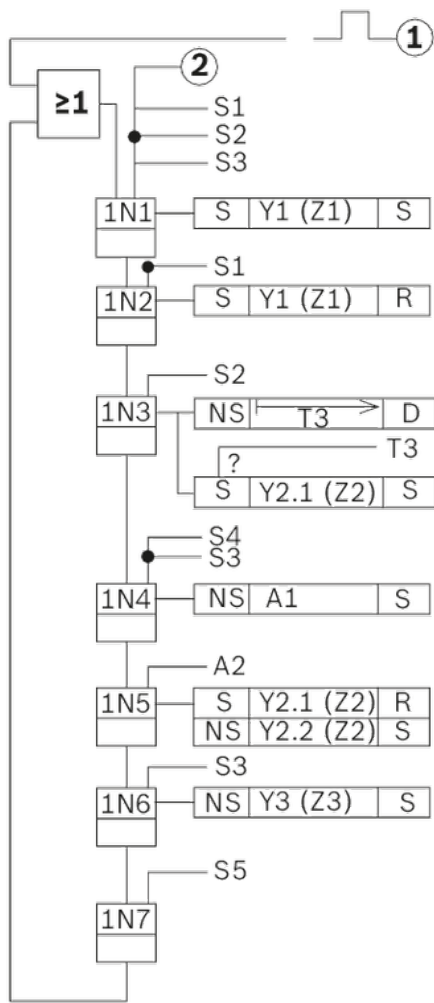
Product description

Sensor application matrix

Assembly, positioning, and orientation

Symbols/Circuit diagrams





33036

S1 = WT before VE

S2 = WT arrival

S3 = Lift end position at bottom

S4 = Lift end position at top

S5 = WT after VE

Y1 = Open VE (Z1)

Y2 = WT lift (Z2)

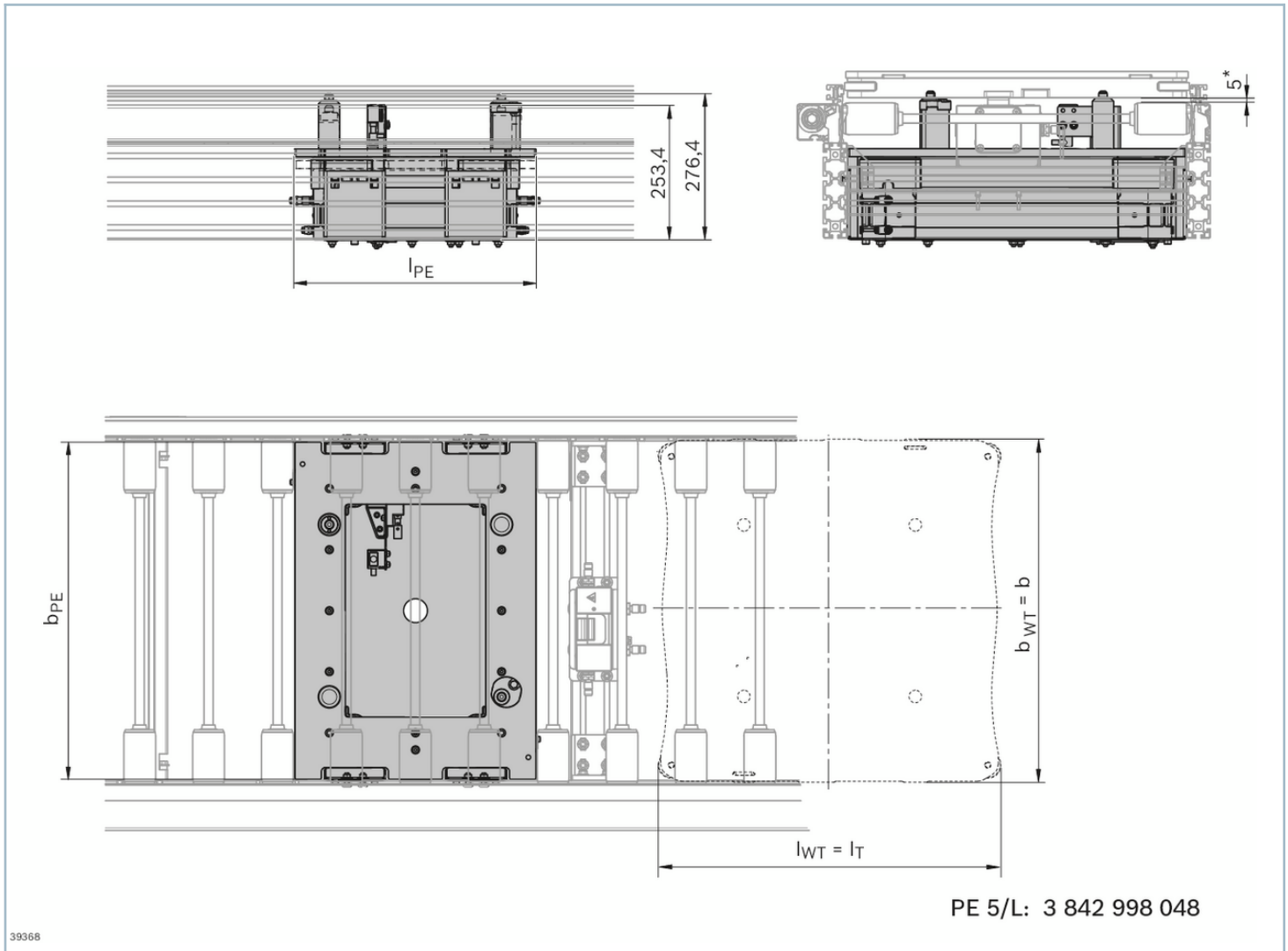
Y3 = Open VE (Z3)

A1 = Start of processing

A2 = End of processing

Dimensions

PE 5/L positioning unit



* Lift over transport level

Track width	Length in direction of transport	Positioning unit width	Positioning unit length
b	l_T	b_{PE}	l_{PE}
mm	mm	mm	mm
455	455	441	471
455	650	441	576
650	650	636	576
650	845	636	764
845	845	831	764
845	1040	831	966

Accessories

Required accessories

VE 5/200, VE 5/D-300, VE 5/D-301 or VE 5/D-1000 stop gate

SH 2/U-H switch bracket

Recommended accessories

Lateral guide cover

Protective sleeves

Delivery notes

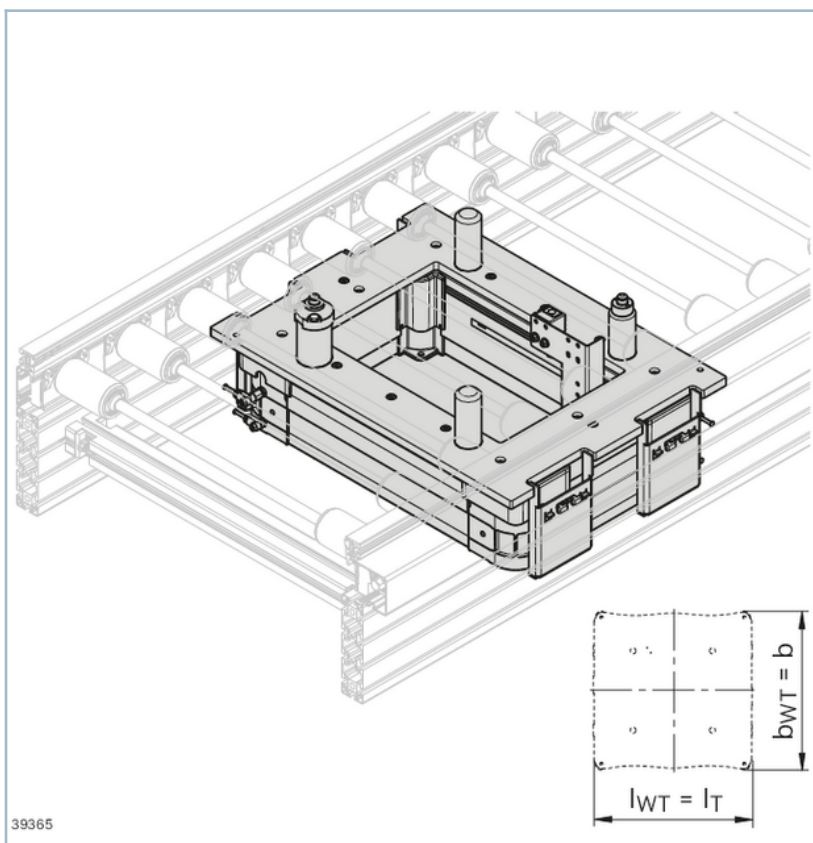
Scope of delivery

Incl. fastening material for mounting the PE 5/L in ST 5/XH conveyor sections

Condition of Delivery

Fully assembled

Ordering codes



Order Parameter

b	Track width	455; 650; 845
l _T	Length in direction of transport	455; 650; 845; 1040
SC	Protective case 0: without protective case 1: with protective case	1; 2

	No.
PE 5/L positioning unit	3842998048