

Positioning Unit PE 2/X for Transfer System TS 2plus, ESD-Safe - Bosch Rexroth 3842998324

Item no. BRR-3842998324

Manufacturer Bosch Rexroth

The PE 2/X positioning unit locates and holds workpiece pallets in the TS 2plus transfer system with a repetition accuracy of ± 0.1 mm. Pneumatically operated at 4-6 bar, it lifts the pallet 3 mm above the conveyor medium and withstands vertical process forces up to 3500 N. Available in five lengths from 480 to 1200 mm, ESD-safe and fully assembled.

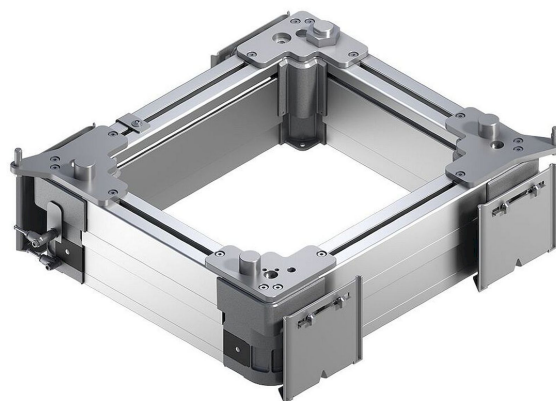
TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.1 kg**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The PE 2/X positioning unit is a pneumatic positioning and orientation component for the Bosch Rexroth TS 2plus transfer system. It raises the workpiece pallet precisely 3 mm above the conveyor medium and holds it with a repetition accuracy of ± 0.1 mm - designed for demanding assembly processes with vertical process forces up to 3500 N.

- Repetition accuracy ± 0.1 mm for reproducible machining and assembly positions
- ESD-safe design for electrostatically sensitive assemblies
- Pneumatic operation at 4-6 bar, 8 mm straight push-in fitting
- Supports workpiece pallet total weights up to 100 kg
- Five standard lengths (480, 640, 800, 1040, 1200 mm) for flexible system layouts
- Supplied fully assembled, including fastening material and switch bracket for M12 sensors (top position inquiry)

TECHNICAL DATA

Specification

Value

Repetition accuracy ± 0.1 mm

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Specification	Value
Lift of workpiece pallet above conveyor (h0)	3 mm
Permissible vertical process force	3500 N
Workpiece pallet total weight (mG)	max. 100 kg
Compressed air pmin	4 bar
Compressed air pmax	6 bar
Pneumatic straight connection	8 mm dia.
Length in direction of transport (IT)	480, 640, 800, 1040, 1200 mm
ESD-safe	yes
Scope of delivery	Incl. fastening material, switch bracket for M12 sensors (top position inquiry)
Delivery condition	Fully assembled
Required accessories	Stop gate VE 2/...