Anti-Bounce Stopper

WPR 22

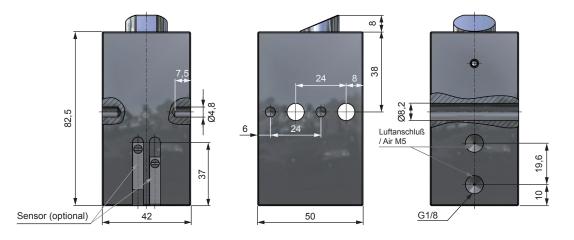




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Deceleration Technology





Benefits

- Anti-bounce stopper eliminate the bounce back from pallet stoppers without damping (WPS-F) and the return of the workpiece carrier when the transfer system is shutdown
- Housing: aluminium, black anodized
- Stop plate: hardened stainless steel
- Easy mounting at profile groove of the transfer system
- Set back: WPR 20 return spring / WPR 22 pneumatic
- Sensor for end position WPR 22 (optional)
- RoHS compliant Directive 2002/95/EC

Technical Data

Working Pressure	4 - 8 bar
Compressed Air	treated
Tube Diameter	6 - 8 mm

Lowering force: 141N bei 6 bar

Air consumption: ca. 0,13I Luft bei 6 bar

Minimum pallet weight 3Kg

Accessories

Air Connection Sensors 16 17 15 Sensor, inductiv, 2,5 m cable 19 PRB20-TS4 3 N 10 Fastening set: PRB20-2, PRB20-5, PRB20-6 4 N 11 Sensor, inductiv, 5 m cable 14 VWIM5-6 M5-6 Stud elbow 5 N 15 Sensor with plug, inductiv, Ø 8mm, 0,3 m cable 15 VGRM5-6 M5-6 Male stud 18 6 N 16 Sensor with knurled nut, inductiv, Ø 8mm, 0,3 m cable 16 VWSM5-6 M5-6 Single banjo 9 KS 25 Cable with plug 2,5 m, Ø 8mm 3 5 17 VDRM5-6 M5-6 Flow control regulator 10 KS 50 Cable with plug 5 m, Ø 8mm 14 4 6 18 VWLM5-6 M5-6 Stud elbo, extended Mounting 13 0 9 10 PRB 20-1 Fastening set 1 PRB 20-2 Fastening set PRB 20-5 12 2 12 PRB 20-5 Adapter for Bosch TS4 13 PRB 20-6 Positioning bolts 13

Sensors

2

Circuit diagram

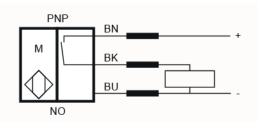
Proximity switch N10

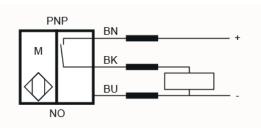
Proximity switch N11

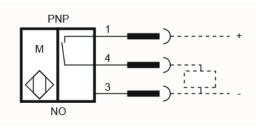
Proximity switch N15

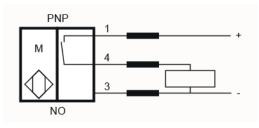
Proximity switch N16

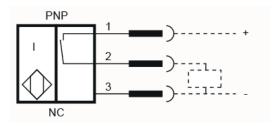
Proximity switch N20



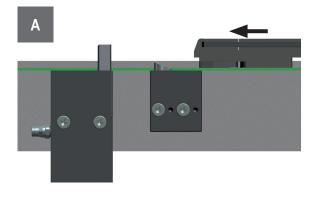


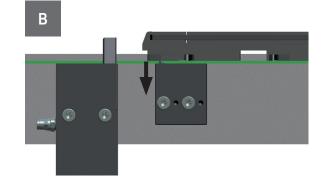


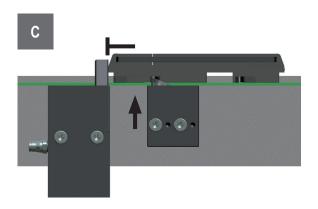


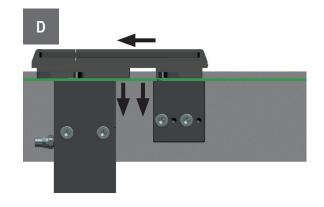


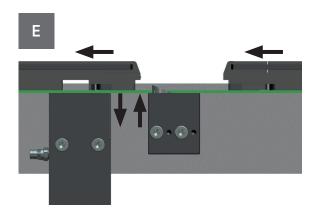
Working Principle

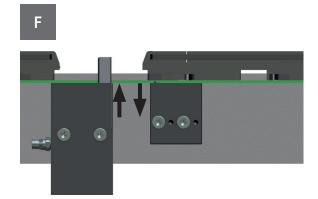












Safety Instructions

Attention

For all work on or with the pallet stopper WPR, the data sheet must be observed. The work must be performed by trained, skilled personal.

Electrical connections must be in accordance with VDE0100 or the relevant national regulations.

Repair and maintenance: Electricity and compressed air must be shut down. The work area is to prevent against accidentally switch on of electricity and compressed air.

Reference temperature for all technical information: 20°C At a higher temperatures the energy absorption or torque is reduced.

Designated use

Anti-bounce stoppers should only be used for positioning the pallet after the stop through a pallet stopper.

Liability - Guarantee

All warranty and liability claims expire at non-designated use. This applies even if no original spare parts are used.

Environment protection

The replacement of worn parts must be paid to proper disposal. Wearing parts and complete stopper can be sent to Weforma for free disposal.