

ABB AC 800PEC

Product Data Sheet

3BSE007913R0050 PFTL 201C

pressductor pillowblock load cells

FUNCTION pressductor pillowblock load cells	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 1.68 kg
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ABB AC 800PEC 3BSE007913R0050 PFTL 201C is a pressductor pillowblock load cells for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Compression/Tension	Up to 500 kN
Overload Protection	150% of rated capacity
Accuracy	±0.1% of full scale (FS) linearity error
Output Signal	Analog: 4–20 mA or ±10V DC
Rated Excitation Voltage	10–15V DC
Bridge Resistance	350 Ω ±1%.
Exact Article Code	3BSE007913R0050 PFTL 201C
Board Designation	PFTL 201C
Product Family	ABB AC 800PEC
Component Type	Pressductor Pillowblock Load Cells

Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

- Manage distillation control with Pressductor Pillowbloc: Across the columns, reboilers and reflux circuits, 3BSE007913R0050 PFTL 201C handles its designated signal or control duty as a pressductor pillowblock load cells. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Supervise pallet transfer with Pressductor Pillowbloc: At the control layer of the turntables, lifts and shuttle cars, 3BSE007913R0050 PFTL 201C supports the configured automation role as a pressductor pillowblock load cells. During blocked-zone recovery, the system uses this function to re-establish the transfer path after the obstruction clears, helping it resume flow without losing tracking data.
- Supervise crane motion with Pressductor Pillowbloc: In the automation chain for the hoists, trolleys and travel drives, 3BSE007913R0050 PFTL 201C handles its designated signal or control duty as a pressductor pillowblock load cells. During positioning approach, the system uses this function to shape acceleration and braking around the commanded move, helping it place the load without excessive swing.

Match 3BSE007913R0050 PFTL 201C to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

<https://new.abb.com/control-systems>

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