

ABB DRIVES

Product Data Sheet

3BSX657820-108 PFCL 201CE

pressductor pillowblock load cells

FUNCTION pressductor pillowblock load cells	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 1.68 kg
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ABB Drives 3BSX657820-108 PFCL 201CE is a pressductor pillowblock load cells for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Load	Up to 1000 kN
Overload Protection	200% of rated capacity
Accuracy	±0.1% FS (full-scale linearity).
Output Signal Analog	4–20 mA (2-wire), ±10V DC
Output Signal Digital	Optional Profibus DP, Modbus RTU
Excitation Voltage	10–30V DC
Frequency Response	≤1 kHz
Exact Article Code	3BSX657820-108 PFCL 201CE
Board Designation	PFCL 201CE
Product Family	ABB Drives

Component Type	Pressductor Pillowblock Load Cells
Assembly Class	ABB PCB assembly
System Interface	ABB Drives control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors

- Protect recipe mixing with Pressductor Pillowbloc: At the control layer of the mixers and ingredient skids, 3BSX657820-108 PFCL 201CE operates in its approved product-family role as a pressductor pillowblock load cells. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Track distillation control with Pressductor Pillowbloc: For the coordinated operation of the columns, reboilers and reflux circuits, 3BSX657820-108 PFCL 201CE supports the configured automation role 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.
- Observe bulk conveying with Pressductor Pillowbloc: In the automation chain for the feeders, belts and transfer chutes, 3BSX657820-108 PFCL 201CE operates in its approved product-family role as a pressductor pillowblock load cells. During material surge, the system uses this function to adapt equipment demand to material flow, helping it reduce spillage and belt overload.

Match 3BSX657820-108 PFCL 201CE to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Drives documentation](#)

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

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