

ABB AC 800PEC

Product Data Sheet

3BHE028122R0001 XFD213A

ssi speed sensor interface

FUNCTION ssi speed sensor interface	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.24 kg
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ABB AC 800PEC 3BHE028122R0001 XFD213A is a ssi speed sensor interface for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-25°C to +70°C (-13°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Relative Humidity	5% to 95% (non-condensing)
Frequency	62.5 kHz
Cable Length Support	Up to 350 meters
Internal Logic Supply	+5V DC
Encoder Supply	+24V DC
Current Limit	Typically 250mA
Exact Article Code	3BHE028122R0001 XFD213A
Board Designation	XFD213A

Product Family	ABB AC 800PEC
Component Type	Ssi Speed Sensor Interface
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply

- Govern turbine auxiliary control with Ssi Speed: Within the lube-oil pumps and turning gear, 3BHE028122R0001 XFD213A supports the configured automation role as a ssi speed sensor interface. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.
- Govern recipe mixing with Ssi Speed process control: Inside the mixers and ingredient skids, 3BHE028122R0001 XFD213A performs its assigned control role as a ssi speed sensor interface. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Monitor chemical dosing with Ssi Speed process control: Across the metering pumps and contact tanks, 3BHE028122R0001 XFD213A serves its documented function as a ssi speed sensor interface. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.

Match 3BHE028122R0001 XFD213A 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](#)

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