

SIMATIC S7-300 SM326 F

Product Data Sheet

6ES7326-1RF00-0AB0

Fail Safe NAMUR Input Module

RATED LOAD SUPPLY	LOAD SUPPLY CURRENT	BACKPLANE CURRENT	SENSOR SUPPLY OUTPUTS
24 V DC	160 mA maximum	90 mA at 5 V DC	8 outputs, 8.2 V DC

Siemens 6ES7326-1RF00-0AB0 is a fail safe namur input module in the SIMATIC S7-300 SM326 F range. It is intended for compatible industrial automation projects requiring the documented NAMUR sensor and safety-input connections.

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VERIFIED TECHNICAL DATA

Rated load supply	24 V DC
Load supply current	160 mA maximum
Backplane current	90 mA at 5 V DC
Sensor supply outputs	8 outputs, 8.2 V DC
Typical power loss	4.5 W
Input channel allocation	8 single-channel or 4 dual-channel
Signal-zero input current	0.35 to 1.2 mA
Signal-one input current	2.1 to 7 mA
Input delay	1.2 to 3 ms
Shielded cable limit	200 m

ADDITIONAL PRODUCT DATA

Unshielded cable limit	100 m
Intrinsically safe voltage U_o	10 V maximum
Intrinsically safe current I_o	13.9 mA maximum
Isolation test	500 V DC
Safety integrity	SIL 2 single-channel; SIL 3 dual-channel

DOCUMENTED USE SETTINGS

Industrial Chemical Manufacturing and Petrochemical Processing: Industrial Chemical Process Control.

Pharmaceutical Manufacturing and Drug Formulation Production: Pharmaceutical Batch Process Control.

Electric Power Generation and Industrial Energy: Electric Power Generation Control.

SYSTEM COMPATIBILITY

Integrate 6ES7326-1RF00-0AB0 only in the documented SIMATIC S7-300 SM326 F configuration. Match the installed interfaces and the engineered application before selecting this fail safe namur input module.

PRODUCT EVIDENCE

Siemens 6ES7326-1RF00-0AB0 official product technical data, applicable pages 1, 2