

HIMA FAIL-SAFE CONTROL SYSTEMS

Product Data Sheet

F3237

proximity switch input module

FUNCTION proximity switch input module	FAMILY HIMA fail-safe control systems	ORIGIN Germany	WEIGHT 0.14 kg
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HIMA F3237 is a proximity switch input module for the HIMA fail-safe control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Channels	8
Sensor Standard	DIN 19234 NAMUR
Safety Requirement	AK 1 to 6
Switching Time	Approximately 10 ms
Zero Signal Current	0.35 to 1.2 mA
One Signal Current	2.1 to 6.0 mA
Wire Break Threshold	0.28 mA or less
Short Circuit Threshold	6.5 mA or more
Maximum Line Resistance	50 ohm
Maximum Cable Length	1000 m at 0.5 mm ²

Sensor Supply	8.2 V
Space Requirement	4 TE
5 V Current	90 mA
24 V Current	170 mA
Line Supervision	Short circuit and break detection

- Reactor Shutdown and Hazardous Process Interlock Panels: Fail-safe proximity inputs
- Compressor Protection and Pipeline Isolation Systems: Protective switch monitoring
- Burner Management and Turbine Trip Circuits: Safety switch acquisition

Match F3237 to the installed HIMA fail-safe control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[HIMA official manufacturer documentation](#)

AMIKON PRODUCT SUPPORT

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