PAC8000 REMOTE I/O

Product Data Sheet

8626-FT-IS

Intrinsically safe RTD field terminal

FIELD TERMINAL TYPE	SIGNAL FUNCTION	SIGNAL CLASSIFICATION	REMOTE I/O FAMILY
Intrinsically safe RTD terminal	**RTD temperature input**	**Intrinsically safe analog input**	**PAC8000**

Emerson 8626-FT-IS is an intrinsically safe RTD field terminal specified for PAC8000 Remote I/O. It provides the field-wiring termination point for resistance-temperature signals in hazardous-area and harsh-environment measurement applications.

01 VERIFIED TECHNICAL DATA

Field terminal type	Intrinsically safe RTD terminal
Signal function	RTD temperature input
Signal classification	Intrinsically safe analog input
Remote I/O family	PAC8000
Network families	PROFINET and Modbus/TCP
Mounting architecture	DIN rail carrier
Hot swap	Supported
Protection class	IP20
Platform operating temperature	-40 to +70 °C
Corrosion resistance	ISA Level G3

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Shock resistance	30 g
Vibration resistance	5 g
UL hazardous-location approval	Class I Division 1
ATEX approval	Zone 1
Channel isolation	Galvanic isolation

03 DOCUMENTED USE SETTINGS

Upstream Petroleum and Gas Processing: Hazardous upstream oil and gas production operations.

Chemical and Petrochemical Production: Continuous chemical processing and batch production environments.

Power Generation and Utility Operations: Thermal power generation and utility production operations.

04 SYSTEM COMPATIBILITY

Use 8626-FT-IS only with the documented PAC8000 carrier architecture and the matching RTD temperature input.

05 PRODUCT EVIDENCE

PAC8000 Remote I/O Data Sheet 00813-0100-0108, February 2022

AMIKON PRODUCT SUPPORT

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