

PRODUCT DASHBOARD

GSI127 244-127-000-017 A1-B02

GSI127 Galvanic Separation Unit

Vibro-Meter GSI127 244-127-000-017 A1-B02 is a standard-environment galvanic separation unit with the B02 current-to-voltage transfer option. It separates the sensor circuit from monitoring equipment while translating the selected current signal for longer-distance transmission.

BRAND

Vibro-Meter

ORIGIN

Switzerland

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Complete public-page information view

Technical data dashboard

GSI127 Galvanic Separation Unit

BASE PART NUMBER 244-127-000-017	ENVIRONMENT OPTION A1 standard	TRANSFER OPTION B02
B02 SENSITIVITY 1 V/mA	B02 ZERO RELATIONSHIP 12 mA to 7 V; 13 mA to 8 V	POWER SUPPLY INPUT 18 to 30 VDC
CURRENT AT 24 V, NO LOAD 80 mA maximum	CURRENT AT 24 V, 20 MA SENSOR LOAD 120 mA maximum	SENSOR-SIDE SUPPLY 20 VDC +/-1 V
SENSOR CURRENT RANGE 0 to 20 mA	VOLTAGE OUTPUT RANGE 2 to 20 VDC at 10 kohm	BANDWIDTH DC to 20 kHz within +/-0.5 dB

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Long-distance vibration-signal transfer

Converts an approved current-output sensor interface for transmission to a voltage-input monitor.

Machinery-protection loop isolation

Separates the transducer circuit from the monitoring channel in the documented cabinet design.

Condition-monitoring cabinet integration

Provides the defined B02 conversion between IPC-series or VE210 current output and monitoring equipment.

Ground-loop mitigation

Maintains galvanic separation between sensor and monitor sides without a protective-earth connection to the unit.

FAQ SNAPSHOT

1

What is the exact system role of GSI127 244-127-000-017 A1-B02?

2

Which host, rack or carrier is required for GSI127 244-127-000-017 A1-B02?

3

What wiring or connector checks apply to GSI127 244-127-000-017 A1-B02?

4

How is GSI127 244-127-000-017 A1-B02 configured for service?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

01 VM600 CPUM 200-595-100-013 controller pair

02 CE281 444-281-000-111 accelerometer

03 VM600 MPC4 200-510-070-112 protection card

04 VM600 IOC4T 200-560-000-113 I/O card

05 MPC4 200-510-078-115 protection card

06 AF70982 111-412-000-012 proximity transducer

07 CA134 144-134-000-612 accelerometer

08 VM600 ABE042 system rack

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Confirm the complete A1-B02 option code, 18 to 30 VDC supply, TH35 mounting, removable terminal assignments, sensor type and current output, monitor voltage input, cable shields, B02 1 V/mA scaling, zero setting and controlled channel-response test before commissioning.

OFFICIAL MANUFACTURER SOURCE

GSI127 Galvanic Separation Unit Data Sheet

DS 262-870, Version 11, 12 May 2022

ENGINEERING RELEASE NOTE

Mount the A1-B02 GSI127 on a TH35 DIN rail, verify the 18 to 30 VDC supply and land sensor and monitor wiring on the designated removable terminals. Confirm the B02 1 V/mA conversion, zero relationship, polarity and channel response before returning the measurement loop to service.

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A1-B02