ORDERING INFORMATION

To order please specify

Type	Designation	Part number (PNR)
GSI127	Galvanic separation unit	See below

Part number (PNR):
244-127-000-017 — **A** — **B**

Environment	
Standard	1
Explosive (Ex)	2

	Sensitivity	Zero	Description
01	1 V/mA	5 mA → 7 V	For CExxx with a current output[1]
02	1 V/mA	12 mA → 7 V 13 mA → 8 V	For IPCxxx or VE210 with a current output[2]
03	3.2 V/mA	15 mA → 0 V	For IQSxxx with a current output[3]
04	1 V/V	---	For IPCxxx with a voltage output[4]
05	−1 V/V	---	For IQSxxx or VE210 with a voltage output[5]
21	1 V/V	---	For industry standard IEPE (integrated electronics piezo electric) vibration sensors[6]

1. Only CExxx piezoelectric accelerometers with a current output signal require a GSI127. For example, the CE134, CE281 and CE31x.

2. An IPCxxx signal conditioner or a VE210 velocity sensor with a current output signal is typically used for signal transmission over longer distances.
Note: For an IPC707 without diagnostics, the nominal current output signal (DC) is 12 mA (→ 7 V). For an IPC707 with diagnostics, the nominal current output signal (DC) is 13 mA (→ 8 V).
Refer to the IPC707 signal conditioner data sheet for further information.

3. An IQSxxx signal conditioner with a current output signal is typically used for signal transmission over longer distances.

4. An IPCxxx signal conditioner with a voltage output signal is typically used for signal transmission over shorter distances.
Note: For an IPC707 without diagnostics, the nominal voltage output signal (DC) is 7 V. For an IPC707 with diagnostics, the nominal voltage output signal (DC) is 8 V.
Refer to the IPC707 signal conditioner data sheet for further information.

5. An IQSxxx signal conditioner or a VE210 velocity sensor with a voltage output signal is typically used for signal transmission over shorter distances.

6. For use with industry standard IEPE (integrated electronics piezo electric) vibration sensors, that is, constant-current voltage-output sensors such as the CE620 and PV660 (and older CE680, CE110I and PV102 sensors).