**Physelec Family**

**SG**

6-mm signal conditioner

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**Characteristics**

- Complete range of signal conditioners
- 6.2 mm thick and only 3.1 mm per channel for the two-channel versions
- High accuracy and repeatability < 0.1% of full scale
- Power supply on rail or via connectors
- Simplified configuration by DIP switches or USB using GEORGINSet software
- Diagnostic LED on the front panel for easy maintenance
- Insulation >3KV between input, output, and power supply in accordance with the EN 61140 standard
- Low consumption (0.8 W to 1.2 W)
- Five-year guarantee

*According to model*

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**Applications**

- Water market
- Energy
- Metallurgy
- Cement works
- Chemicals & petrochemicals

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www.georgin.com
Physelec Family

SG
6-mm signal conditioners

A complete range

- **GT 45000** programmable by DIP/USB
  
  Temperature transmitter for standard Pt, Ni, KTY and TC sensors, mV and R measurement, and potentiometer

- **GS 75000**
  
  Shunt resistance isolation amplifier / voltages in mV
  Isolation and conversion of low-voltage bipolar and unipolar signals

- **GN 25000**
  
  Isolation amplifier
  Isolation and conversion of standard signals

- **GN 21000**
  
  Signal separator / repeater
  Isolation, conversion and loop powering of standard signals with two outputs

- **GH 11000** (1 channel) and **GH 11020** (2 channels)
  
  Isolator powered by the loop
  Standard signal separation 0(4) ... 20 mA

- **GC 52500**
  
  HART transmitter power supply
  Power supply and isolation of SMART transmitters with HART connection

- **GC 52100**
  
  Transmitter power supply
  Power supply and isolation of two- and three-wire transmitters

- **GB 64000**
  
  Bipolar isolation amplifier
  Isolation and conversion of standard industrial bipolar and unipolar signals

**Operating voltage**
Up to 600 V AC/DC for overvoltage category II

**Protection from electric shock**
Separation of protection by reinforced insulation in compliance with EN 61010 Part I up to 300 V AC/DC for overvoltage category II

**Operating temperature**
Operation from -25°C to +70°C

**Electrical power supply**
16.8 V to 31.2 V DC

**EMC**
EN 61326-1

For more information, please download our technical data sheets from www.georgin.com.