

Transmitter for Digital Signals Type G 5010 1106



- Single channel transmitter
- Contact input
- Input pulse prolongation
- Codeable LED output e.g. for feedback purposes
- Supplied by Dupline®, no external supply required
- Mini-E housing
- Direct wall or DIN-rail mounting
- Channel coding by GAP 1605

Product Description

Dupline®-powered single-channel transmitter in Mini-E housing with contact input. Especially well suited in places where no power supply is available. On the input, there is a built-in pulse-prolongation which ensures that even short input pulses are transmitted. Upon activation of the input

a short charge current pulse ensures that the contacts are kept clean. On the front of the module, there is a red LED which can be coded for any Dupline® channel address for indication of channel ON status. There are only 4 terminals on the module: 2 for Dupline® and 2 for the input.

Ordering Key

G 5010 1106

Type: Dupline®
 Mini-E housing
 Function
 No. of channels
 Input type

Type Selection

Supply

Supplied by Dupline®

Ordering No.
**1 channel
 Contact**

G 5010 1106

Supply Specifications

Power supply

Current consumption
 with LED OFF
 with LED ON

Supplied by Dupline®

Typ. 450 µA
 Typ. 1.2 mA

Input Specifications

Inputs

Open loop voltage
 Short-circuit current
 Operating time for signal "1"
 Operating time for signal "0"
 Contact resistance
 Input pulse prolongation
 Cable length
 Dielectric voltage
 Input - Dupline®

1 contact
 2.5 VDC
 17 µA
 < 1 pulse train + 10 ms
 < 1 pulse train + 500 ms
 < 1 kΩ
 min. 272 ms
 < 3 m
 None

General Specifications

Environment

Degree of protection IP 20
 Pollution degree 3 (IEC 60664)
 Operating temperature -20° to +50°C (-4° to +122°F)
 Storage temperature -50° to +85°C (-58° to +185°F)

Humidity (non-condensing) 20 to 80%

Mechanical resistance

Shock 15 G (11 ms)
 Vibration 2 G (6 to 55 Hz)

Dimensions

49 x 22.5 x 56 mm (L x W x H)

Material

PC/ABS blend

Mode of Operation

Dupline®-powered 1-channel transmitter with contact input. There is a built-in pulse-prolongation on the input to ensure that even short input pulses are transmitted. On the front of the module there is a red LED which can be coded to indicate the status of any Dupline®-channel. The input and the LED output can be coded individually by means of the code programmer GAP 1605. For details, please refer to the

respective data sheet. Please note that a special cable (GAP-TPH-CAB) is required to connect the GAP 1605 to the programming plug behind the front plate of G 5010 1106.

The channel address for the input is selected under I/O-1 on the GAP 1605 and the channel address for the LED output under I/O-5.

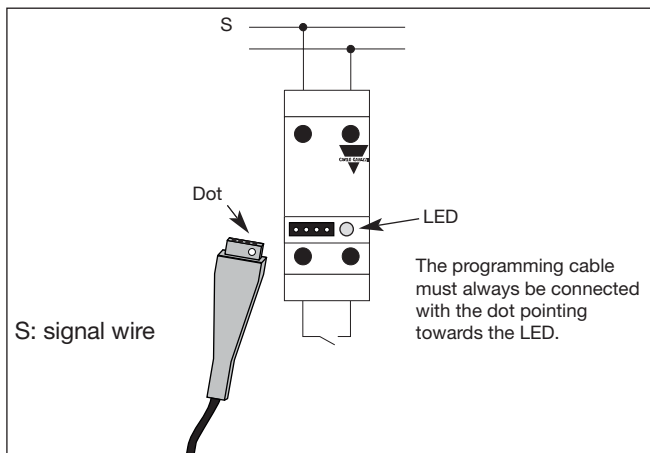
If an address is assigned to I/O-3 or I/O-4, this address will be activated continuously.

Accessories

Programming cable to GAP 1605

GAP-TPH-CAB

Wiring Diagram



Dimensions (mm)

