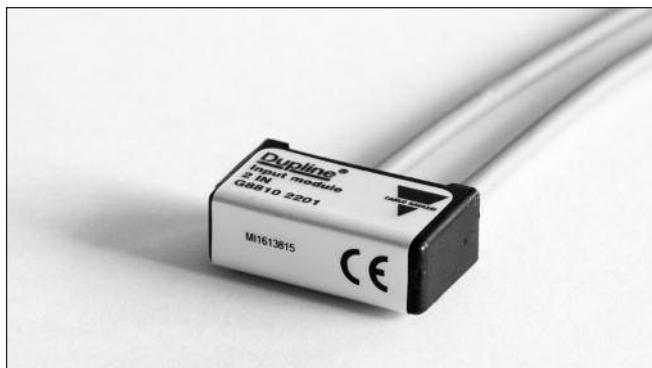


Input module Type G 8810 2201

Dupline®
Fieldbus Installationbus



Product Description

Dupline® transmitter designed to be a part of the Dupline® Building Automation concept. It allows a flexible installation concept in existing/traditional light switches. The compact size of the module makes it

possible to fit it in a junction box or directly behind a switch/pushbutton input. On the input, there is a built-in pulse-prolongation which ensures that even short input pulses are transmitted.

Type Selection

| Supply | Ordering no. |
|-------------|--------------|
| By Dupline® | G8810 2201 |

Input Specifications

| Inputs | 2 contacts |
|--------------------------|-----------------|
| Input current | Min. 15 µA |
| Input current peak | 20 mA |
| Input voltage drop | ≤ 1 V |
| Input pulse prolongation | min. 272 msec. |
| Cable length | ≤ 0.2 m |
| Dielectric voltage | None |
| Inputs - Dupline® | |
| Response time | ≤ 1 pulse train |

Supply Specifications

| Power Supply | Supplied by Dupline® |
|---------------------------|---------------------------------|
| Rated operational current | |
| Unactivated | Typ. < 640 µA @ 128 channels |
| Activated (all inputs) | Typ. 740 µA @ 128 channels |

General Specifications

| Environment | |
|---------------------------|---|
| Degree of protection | IP65 |
| Operating temperature | -40 to +70°C (-40° to +158°F) |
| Storage temperature | -40 to +70°C (-40° to +158°F) |
| Humidity (non-condensing) | 20 - 80% |
| Housing | Material |
| | Noryl GFN 1, Black |
| Dimensions (h x w x d) | 28 x 14 x 10 mm |
| Cable | Total diameter: 2.9 mm The cable is 3 x 0.14 mm ² |

- Small-sized 2-channel monostable transmitter
- 2 contact inputs for pushbuttons
- Input pulse prolongation
- Compact housing
- Dupline® supplied
- Address coding by GAP 1605

Ordering Key

G 8810 2201

Type: Dupline® _____
Housing _____
Transmitter _____
Number of Inputs _____
Input type _____

Mode of Operation

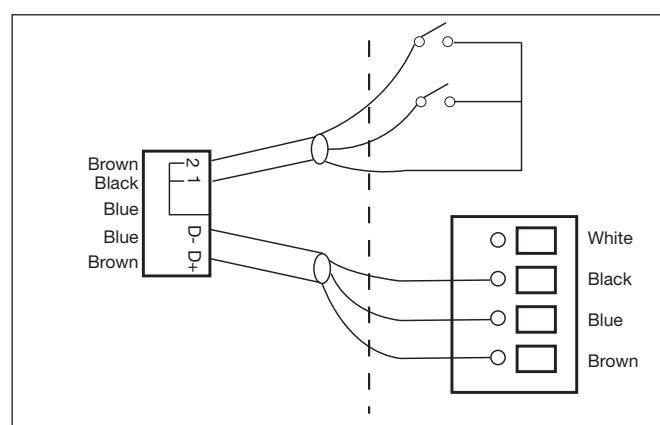
The input addresses may be coded by means of the programming unit GAP 1605, with the Adapt 1605.

Wire Connections

| Function | Terminal/Cable colour |
|---------------------|-----------------------|
| Bus D+ | Brown |
| Bus D- | Blue |
| Dupline programming | Black* |
| Input 1 | Black |
| Input 2 | Brown |
| Com | Blue |

***Note:** To avoid noise in Dupline, the Dupline programming wire must not be connected to D- until after the module has been programmed.

Wiring Diagram



Accessories

Programming adaptor

Adapt 1605