

Dupline® Field- and Installationbus Transmitter for Digital Signals Type G 5010 1106



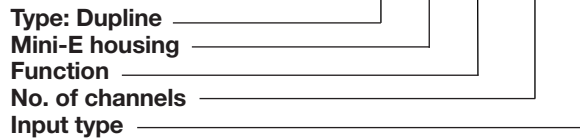
- Single channel transmitter
- Contact input
- Input pulse prolongation
- Codeable LED output e.g. for feedback purposes
- Supplied by Dupline, no external supply required
- Mini-E housing
- Direct wall or DIN-rail mounting
- Channel coding by GAP 1605

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 is only 4 terminals on the module: 2 for Dupline and 2 for the input.

Ordering Key **G 5010 1106**



Input Specifications

Inputs	1 contact
Open loop voltage	5.3 to 7.6 VDC
Short-circuit current	17 µA
Operating time for signal "1"	< 1 pulse train + 10 ms
Operating time for signal "0"	< 1 pulse train + 500 ms
Contact resistance	< 1 kΩ
Cable length	< 3 m
Dielectric voltage	
Input - Dupline	None

General Specifications

Environment	
Degree of protection	IP 20
Pollution degree	3 (IEC 664)
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

Supply Specifications

Power supply	Supplied by Dupline
Current consumption	
with LED OFF	Typ. 150 µA
with LED ON	Typ. 1.2 mA

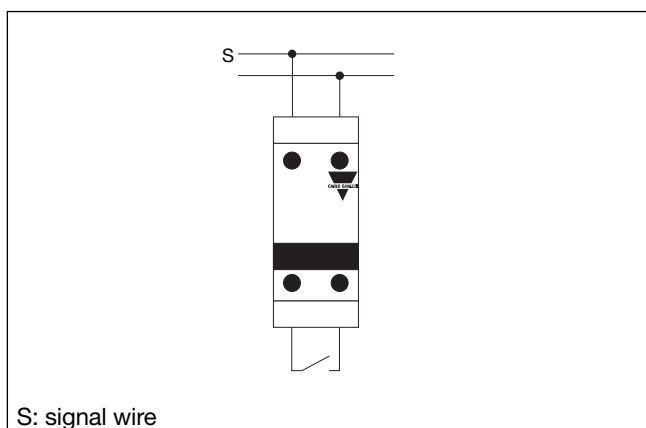
Mode of Operation

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 program-

mer 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.

Wiring Diagram



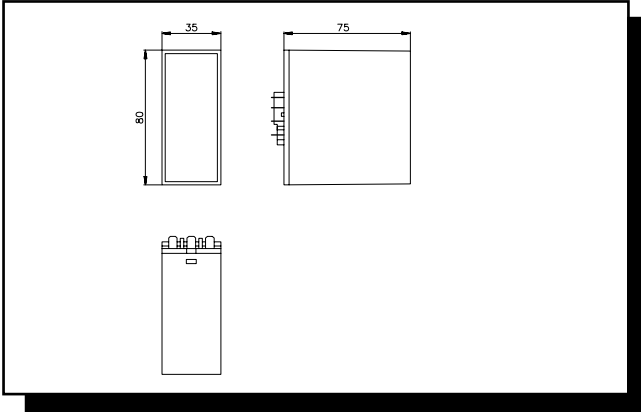
Accessories

Cable
connection to GAP 1605
DIN-rail

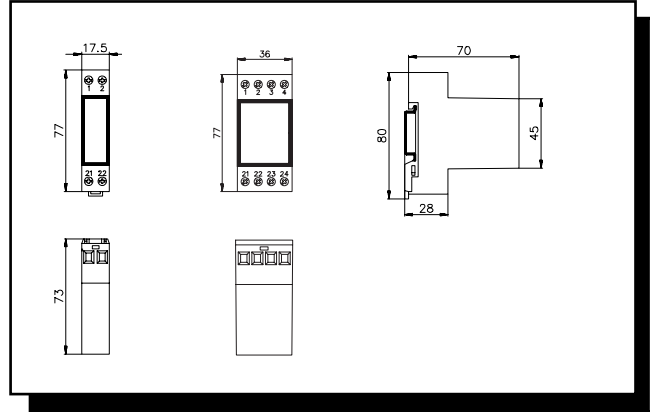
GAP-TPH-CAB
FMD 411

Dimensions (mm)

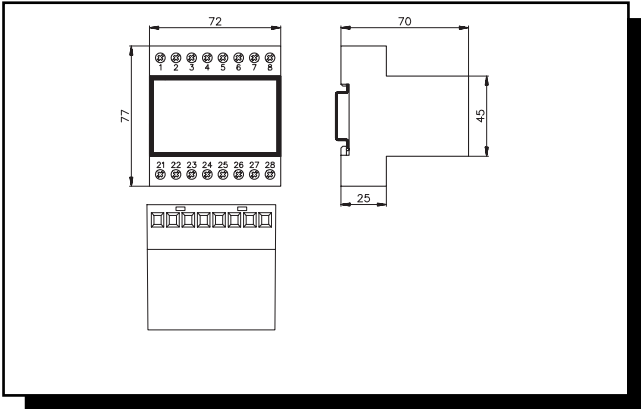
D-housing



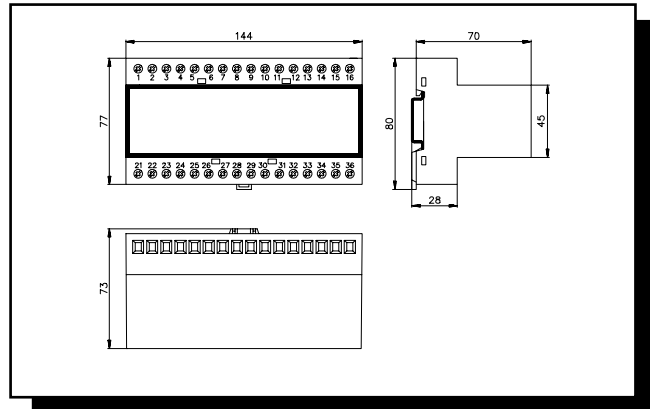
H1/H2-housing



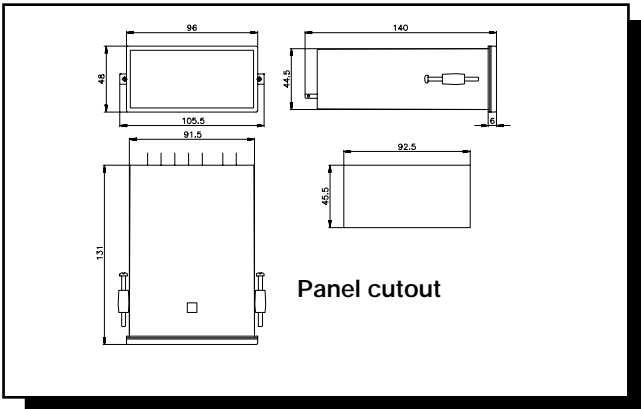
H4-housing



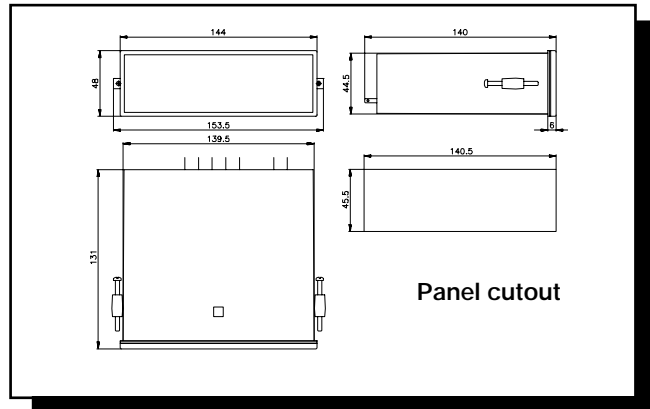
H8-housing



96 x 48-housing



144 x 48-housing



Mini-E Housing

