

Transmitter for Analog Current Signals Type G 3210 1161



- AnaLink transmitter with 4 to 20 mA input
- 8-bit resolution
- Optical isolation
- Uses only 1 channel
- Channel coding by GAP 1605
- Supplied by Dupline® and current signal
- H2-housing
- For mounting on DIN-rail in accordance with EN 50022

Product Description

Dupline® AnaLink transmitter with 4 to 20 mA input. Converts the 4 to 20 mA input signal to an 8-bit binary value, which is transmitted to the controller G 3890 0030 230. In this unit the analog values can

be scaled, logged and printed out and/or read from a PC. The 4 to 20 mA signal must be able to supply a voltage drop of 6 V, since the analog part of the transmitter is supplied by the input signal.

Type Selection

Supply

Ordering no.
1 channel
4 to 20 mA

By Dupline® and current signal

G 3210 1161

Input Specifications

Signal input	4 to 20 mA
Voltage drop	≤ 6 V
Resolution	8-bit (62.5 µA/LSB)
Max. current	100 mA
Inaccuracy (entire temperature range)	≤ 1%
Cable length	≤ 25 m
Dielectric voltage	≥ 2 kV
Response time	256 pulse trains (~ 18 s @ 64 channels)

Ordering Key

G 3210 1161

Type: Dupline®
Type

Supply Specifications

Current consumption

from Dupline®

< 1.1 mA

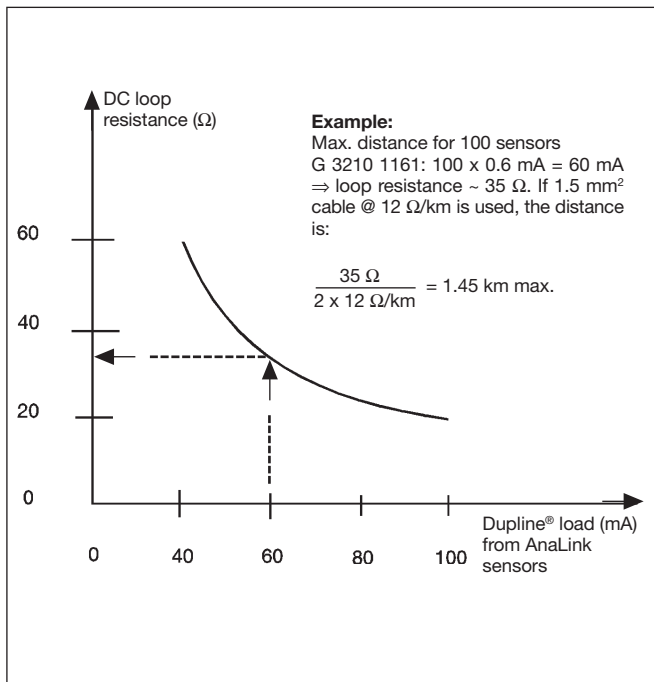
Power dissipation

< 10 mW

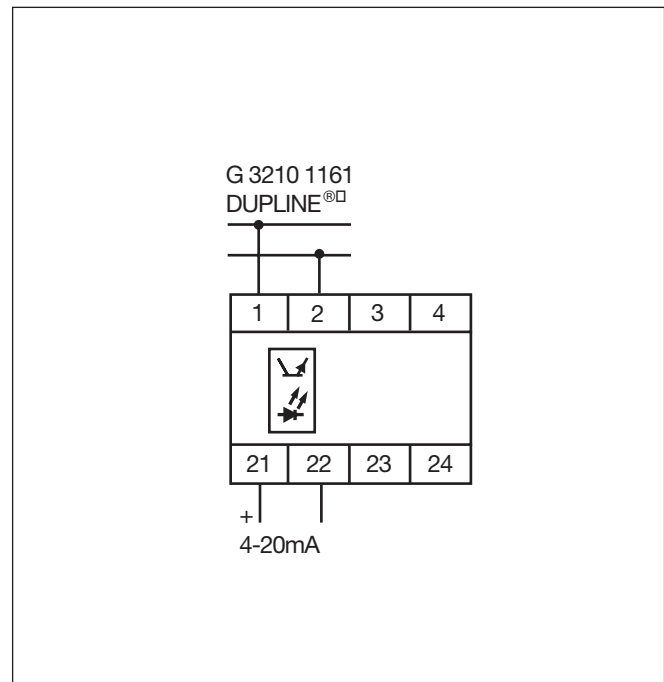
General Specifications

Channel programming	By GAP 1605
Channel assignment	1 channel, freely programmable
Environment	
Degree of protection	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	0° to +50°C (+32° to +122°F)
Storage temperature	-50° to +85°C (-58° to +185°F)
Humidity (non-condensing)	20 to 80% RH
Mechanical resistance	
Shock	15 G (11 ms)
Vibration	2 G (6 to 55 Hz)
Dimensions	
Material (see "Technical Information")	H2-housing
Weight	90 g

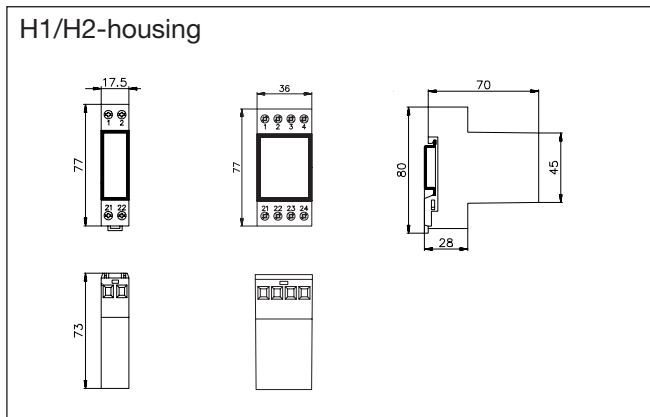
Distance Versus No. of Sensors



Wiring Diagram



Dimensions (mm)



Accessories

DIN-rail

FMD 411

For further information refer to "Accessories".