



Electric Automation
Automation specialists

Reference: G32101113

Selected parameters MODULE TYPE Input module HOUSING
DIN-rail POWER SUPPLY Bus-powered I/O TYPE Temperature
NUMBER OF I/O 1 Others MODULE TYPE Input module
HOUSING H2 (W36) I/O TYPE Pt100 POWER SUPPLY Bus-
powered MAIN CHARACTERISTICS Bus-powered Analink Pt100
input module -10C to 100C



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Transmitter for Analog Pt-100

Temperature Signal

Types G 3210 1111, G 3210 1112, G 3210 1113

Duline®

Fieldbus Installation bus

- AnaLink transmitter for 3-wire Pt-100 input
- Built-in cable compensation
- Built-in signal linearization
- Temperature range:

G 3210 1111: -50 to +40°C (-58 to +104°F)

G 3210 1112: +30 to +120°C (+86 to +248°F) G 3210 1113: -10 to +100°C (+14 to 212°F)

- Uses only one channel
- Supplied by Dupline®
- Channel coding by GAP 1605
- H2-housing
- For mounting on DIN-rail in accordance with EN 50 022

Product Description Ordering Key

G 3210 1111

AnaLink transmitter for connection of external 3-wire Pt-

100 temperature transducer. The module measures the temperature and transmits the value to the controller G

3890 0030, in which the temperatures from all transmitters are logged and printed out and/or read from a PC.

The module is supplied by the Dupline® signal which means easy installation and flexibility for future expansion.

Type: Dupline® H2 Housing Temperature range

Type Selection

Supply: Ordering no. Ordering no. Ordering no.

Range: -50 to +40°C Range: +30 to +120°C Range: -10 to +100°C

By Dupline® G 3210 1111 G 3210 1112 G 3210 1113

Input Specifications

Signal input 3-wire Pt-100

Temperature range G 3210 1111: -50 to +40°C G 3210 1112: +30 to +120°C G 3210 1113: -10 to +100°C

Resolution 8 bits (~0.35°C/LSB)

(G3210 1113: (0.43°C/LSB)) Inaccuracy ≤ 0.5°C (G32101113: ± 0.6°C)

(ambient temperature

G 3210 111.: 25°C) Temperature drift ≤ 0.02°C/°K

(Δ ambient temperature

G 3210 111.) Cable length ≤ 5 m

Response time 256 pulse trains

(~18 s @ 64 ch.)

Supply Specifications

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

Current consumption ≤ 1.8 mA (from Dupline®)

Power dissipation ≤ 10 mW

Specifications are subject to change without notice (30.11.2006)1

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