Water Detection Sensor Type G 8910 2116

Dupline®
Fieldbus | Installationbus

- 2-channel transmitter
- Integrated water sensor input
- Channel coding by GAP 1605
- Water resistant PCB with screw terminals
- Easily mountable with unique mounting bracket
- Supplied by Dupline®
- External input for Felson moisture cable

Product Description

Dupline® transmitter, designed to be a part of the Dupline® WaterStop® concept for residential buildings. When mounted correctly on the unique mounting bracket, the sensor detects water on the floor directly or by an external sensor in the under floor heating installation, and signals the status to the Mastergenerator or Water-Stop® kit.

When using the external sensor both the internal and external input responds to the same Dupline® channel.

Ordering Key

G 8910 2116

Type: Dupline®
Sensor
Transmitter
2 Channels
1 Input
WaterStop® sensor
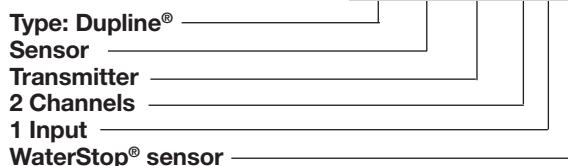
Type Selection

Supply	Ordering no.
By Dupline®	G 8910 2116

Supply Specifications

Power supply	Supplied by Dupline®
Rated operational current	typ. 1.3 mA

Input Specifications

Input	1 integrated water sensor in parallel with screw terminals for external sensor
Open loop voltage	< 8.0 VDC
Trigger resistance	150 – 470 KΩ
Response time	≤ 156 ms @ 128 channels

General Specifications

Channel programming	By GAP 1605
Channel assignment	1 pair of channels, freely programmable
I/O number 1	Water detection
I/O number 2	Always ON*
Environment	
Degree of protection	IP 67
Operating temperature	-20 to +50°C (-4 to +122°F)
Storage temperature	-50 to +85°C (-58 to +185°F)
Mechanical resistance	
Shock	15 G (11 ms)
Vibration	2 G (6 to 55 Hz)

Connection	
Screw terminal	D+ : Dupline® +
	D- : Dupline® -
Connection f. external "Felson"sensor	
Screw terminal	Pin X & X
Housing	
Material Housing	ABS
Color	White
Dimensions (H x W x D)	70 x 40 x 16 mm
Weight	100g
Mounting	Direct wall mounting

* Only when using WaterStop®

Specifications are subject to change without notice (30.11.2006)
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1

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Wiring diagram

Programming cable GAP-TPH-CAB

Dot

Programming Adaptor plug
to GAP 1605

D+ D-

Leads must
be isolated

Felson cable 466773.850

Dimensions

15,5

7,5

70

37 39
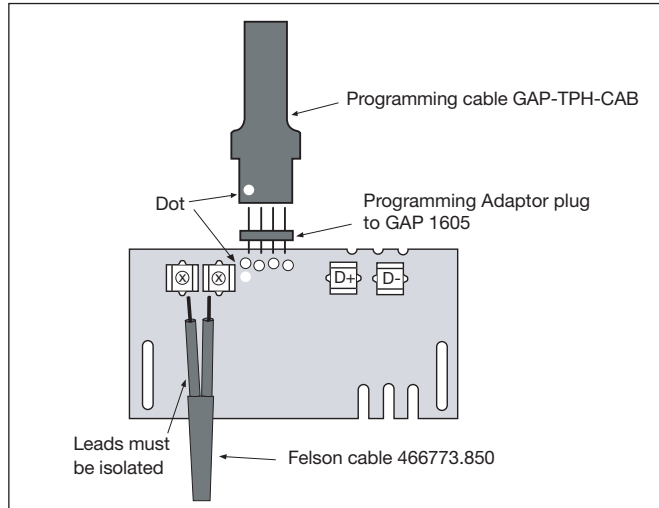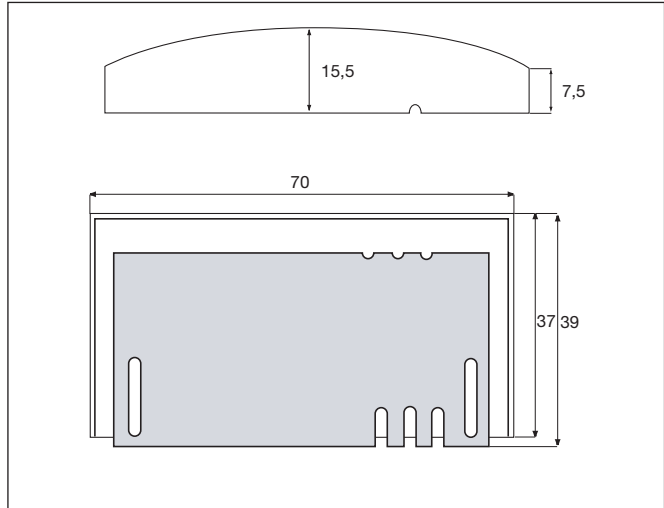
Accessories

Programming cable	GAP-TPH-CAB
Felson cable 1 m + 5 cm lesds	466773.850