

Product information

Wireless data loggers GHM DeltaBus

TAB. 3: Number of data loggers in the system as a function of the data transmission interval

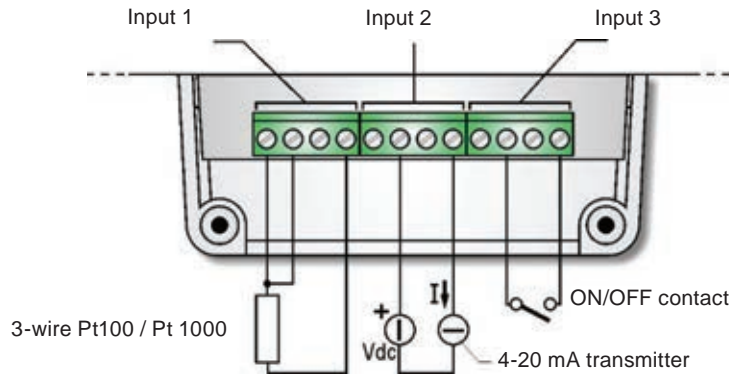
Data transmission interval	Number of data loggers manageable by the base unit	Data transmission interval	Number of data loggers manageable by the base unit
1 s	12	10 s	120
2 s	24	15 s	180
5 s	60	> 30 s	254

Table 3 refers to the case of direct connection among the base unit and the data loggers (1 "Hop"). If repeaters are present, the transmission of the data requires more time and the number of data loggers manageable by the base unit could be lower than that reported in table 3.

The number of devices in the system (base unit + repeaters + data loggers) should not exceed 255.

Terminal header in the model HD35EDH

The model HD35EDH is equipped with three terminal header inputs. Each input can be configured as input for: Pt100/Pt1000, thermocouple, 0/4...20 mA (the shunt resistance is internal), 0...50 mV, 0...1 V or potentiometer. Only input 3 can also be configured as pulse counter (counting of switchings of a voltage free contact).



Example of connection of HD35EDH model inputs

Product information

Wireless data loggers GHM DeltaBus

Sensors

TP35.1...: stainless steel temperature sensor. 3-wire 1/3 DIN Pt1000 sensor. Operating temperature: -50...+105 °C. Dimensions: Ø 6 x 50 mm. Cable ending with free wires.



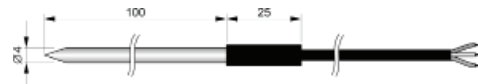
TP35.2...: thermoplastic rubber temperature sensor. 3-wire 1/3 DIN Pt1000 sensor. Operating temperature: 0...+70 °C. Dimensions Ø 5 x 20 mm. Cable ending with free wires.



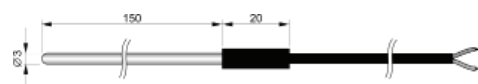
TP35.4...: stainless steel temperature sensor. 4-wire 1/3 DIN Pt100 sensor. Operating temperature: 50...+105 °C. Dimensions: Ø 6 x 50 mm. Cable ending with free wires.



TP35.5...: stainless steel penetration temperature sensor. 3-wire 1/3 DIN Pt1000 sensor. Operating temperature: -40...+300 °C. Dimensions: Ø 4 x 100 mm. Cable ending with free wires.



TP35K6.5: stainless steel temperature sensor. K-type thermocouple sensor with isolated junction. Operating temperature: 50...+750 °C. Cable length 5 m. Cable ending with free wires.



Ordering codes sensors

TP35.1. - ^{1.} . ^{2.}

1.	Cable length
0	0 cable 2 m
1	1 cable 5 m
2	2 cable 10 m

TP35.2. - ^{1.} /C

1.	Cable length
0	0 cable 3 m
1	1 cable 5 m

TP35.4. - ^{1.} /C

1.	Cable length
0	0 cable 3 m
1	1 cable 5 m
2	2 cable 10 m

TP35.5. - ^{1.} /C

1.	Cable length
0	0 cable 3 m
1	1 cable 5 m

Ordering codes

HD35ED - ^{1.} H. ^{2.}

1.	LCD
0	without LCD
L	with graphic LCD
2.	Radio frequency
J	915.9-929.7 MHz (Japan)
E	868 MHz (Europe)
U	902-928 MHz (U.S.A. and Canada) reducible to 915-928 MHz (Australia) or 921-928 MHz (New Zealand)