

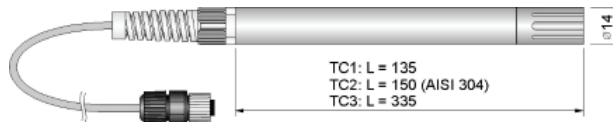
Product information

Wireless data loggers GHM DeltaBus

SENSORS

TEMPERATURE AND RELATIVE HUMIDITY COMBINED SENSORS

HP3517... Temperature and relative humidity combined probe with high accuracy R.H. probe.



- R.H. sensor : Capacitive
- Temperature sensor : NTC 10 kΩ @ 25 °C (HP3517TC...)
Pt100 1/3 DIN (HP3517ETC...)
- R.H. sensor measuring range : 0...100 % RH
- Temperature sensor measuring range : -40...+105 °C (HP3517TC... with NTC 10 kΩ probe)
-40...+150 °C (HP3517ETC... with Pt100 probe)
- R.H. sensor operating range : -20...+80 °C standard
-40...+150 °C with option **E**
- Accuracy : ± 1.5 %rF (0..90 %RH) / ± 2 %RH (remaining range)
- Cable length : 2, 5 oder 10 m standard
- Connection : 4-pole M12 female connector

HP3517 1. 2. 3.

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1.	RH sensor operating temperature	
0	-20...+80 °C	
E	-40...+150 °C	
2.	Stem length	
TC1	135 mm	
TC2	150 mm (AISI 304)	
TC3	335 mm	

3.	Cable length	
2	2 m	
5	5 m	
10	10 m	

- HD9007A-1** 12-ring protection from solar radiations. Supplied with mounting bracket.
- HD9007A-2** 16-ring protection from solar radiations. Supplied with mounting bracket.
- HD9007T26.2** Fitting for Ø 14 mm probes for the protections from solar radiations HD9007A-1 and HD9007A-2.

Pt100 AND Pt1000 TEMPERATURE PROBES

TP35.1... 3-wire 1/3 DIN Pt1000 temperature probe.



- Temperature range : -50...+105 °C
- Accuracy : 1/3 DIN
- Dimensions : Ø 6 x 50 mm
- Cable length : 3, 5 or 10 m standard, **other lengths on request**
- Connection : open wires or 4-pole M12 female connector (option **/C**)
- Material : AISI 316 stainless steel tube

TP35.1 1. 2.

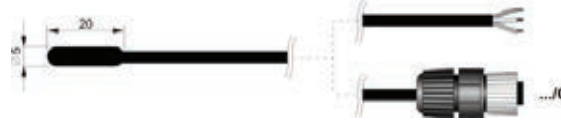
1.	Cable length	
3	3 m	
5	5 m	
10	10 m	

2.	Cable termination	
0	open wires	
/C	4-pole M12 female connector	

Product information

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TP35.2... 3-wire 1/3 DIN Pt1000 temperature sensor.



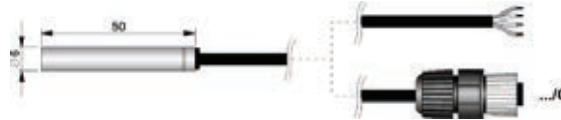
Temperature range : 0...+70 °C
 Accuracy : 1/3 DIN
 Dimensions : Ø 5 x 20 mm
 Cable length : 3 or 5 m standard, **other lengths on request**
 Connection : Open wires or 4-pole M12 female connector (option /C)
 Material : Thermoplastic rubber

TP35.2 1. 2.

1.	Cable length	
3	3	3 m
5	5	5 m

2.	Cable termination	
0	0	open wires
/C	/C	4-pole M12 female connector

TP35.4... 4-wire 1/3 DIN Pt100 temperature sensor.



Temperature range : -50...+105 °C
 Accuracy : 1/3 DIN
 Dimensions : Ø 6 x 50 mm
 Cable length : 3, 5 oder 10 m standard, **other lengths on request**
 Connection : open wires or 4-pole M12 female connector (option /C)
 Material : AISI 316 stainless steel tube

TP35.4 1. 2.

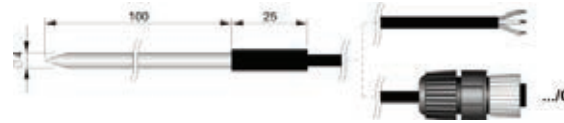
1.	Cable length	
3	3	3 m
5	5	5 m
10	10	10 m

2.	Cable termination	
0	0	open wires
/C	/C	4-pole M12 female connector

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Wireless data loggers GHM DeltaBus

TP35.5... 4-wire 1/3 DIN **Pt1000** penetration temperature sensor.



Temperature range : -40...+300 °C
 Accuracy : 1/3 DIN
 Dimensions : Ø 4 x 100 mm
 Cable length : 3 oder 5 m standard, **other lengths on request**
 Connection : open wires or 4-pole M12 female connector (option /C)
 Material : AISI 316 stainless steel tube

1. 2.

TP35.5

1.	Cable length	
3	3	3 m
5	5	5 m

2.	Cable termination	
0	0	open wires
/C	/C	4-pole M12 female connector

TP35878ISS... 1/3 DIN **Pt100** contact temperature sensor for solar panel.



Temperature range : -40...+85 °C
 Accuracy : 1/3 DIN
 Dimensions : Ø 30 mm
 Cable length : 5 oder 10 m standard, **other lengths on request**
 Connection : 4-pole M12 female connector

1.

TP35878ISS

1.	Cable length	
5	5	5 m
10	10	10 m

TP35.5AF.5 Stainless steel temperature sensor. 4-wire class A wire wound Pt100 sensor. Stem dimensions: Ø 3 x 60 mm. Cable length: 5 m. Cable termination: open wires. Shield: Inox + Teflon.

TP35.5AF.5/C Stainless steel temperature sensor. 4-wire class A wire wound Pt100 sensor. Stem dimensions: Ø 3 x 60 mm. Cable length: 5 m. Cable termination: 4-pole M12 female connector. Shield: Inox + Teflon.

TP35.5AF1.2 Stainless steel temperature sensor. 4-wire class A wire wound Pt100 sensor. Stem dimensions: Ø 12 x 150 mm. Cable length: 2 m. Cable termination: open wires. Teflon insulated cable.

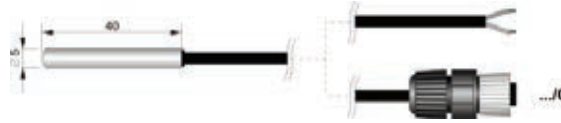
TP35.5AF1.2/C Stainless steel temperature sensor. 4-wire class A wire wound Pt100 sensor. Stem dimensions: Ø 12 x 150 mm. Cable length: 2 m. Cable termination: 4-pole M12 female connector. Teflon insulated cable.

Product information

Wireless data loggers GHM DeltaBus

NTC 10KΩ @ 25 °C TEMPERATURE SENSORS

TP35N1... NTC 10KΩ @ 25 °C temperature sensor.



Temperature range : -20...+85 °C
 Accuracy : ± 0.3 °C in the range 0...+70 °C / ± 0.4 °C outside
 Dimensions : Ø 5 x 40 mm
 Cable length : 3, 5 oder 10 m standard, **other lengths on request**
 Connection : open wires or 4-pole M12 female connector (option /C)
 Material : AISI 316 stainless steel tube

TP35N1 - 1. 2.

1.	Cable length	
3	3	3 m
5	5	5 m
10	10	10 m

2.	Cable termination	
0	0	open wire
/C	/C	4-pole M12 female connector

TP35N2... NTC 10KΩ @ 25 °C temperature sensor.



Temperature range : 0...+70 °C
 Accuracy : ± 0.3 °C
 Dimensions : Ø 6 x 50 mm
 Cable length : 3, 5 or 10 m standard, **other lengths on request**
 Connection : open wires or 4-pole M12 female connector (option /C)
 Material : AISI 316 stainless steel tube

TP35N2 - 1. 2.

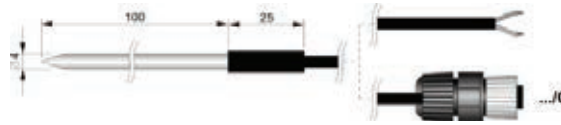
1.	Cable length	
3	3	3 m
5	5	5 m
10	10	10 m

2.	Cable termination	
0	0	open wires
/C	/C	4-pole M12 female connector

Product information

Wireless data loggers GHM DeltaBus

TP35N5... NTC 10KΩ @ 25 °C temperature sensor.



Temperature range : -20...+105 °C
 Accuracy : ± 0.3 °C in the range 0...+70 °C / ± 0.4 °C outside
 Dimensions : Ø 4 x 100 mm
 Cable length : 3 or 5 m standard, **other length on request**
 Connection : open wires or 4-pole M12 female connector (option **/C**)
 Material : AISI 316 stainless steel tube

TP35N1 - 1. 2.

1.	Cable length	
3	3	3 m
5	5	5 m

2.	Cable termination	
0	0	open wires
/C	/C	4-pole M12 female connector

THERMOCOUPLE TEMPERATURE SENSORS

TP35K6.5... K-type thermocouple sensor with isolated hot junction.



Max. temperature : -50...+750 °C
 Accuracy : class 1 according to IEC 60584-2
 Dimensions : Ø 3 x 150 mm
 Cable length : 5 m standard, **other lengths on request**
 Connection : open wires
 Material : AISI 316 stainless steel tube