

Radiosonde SRS-C34 Type 9

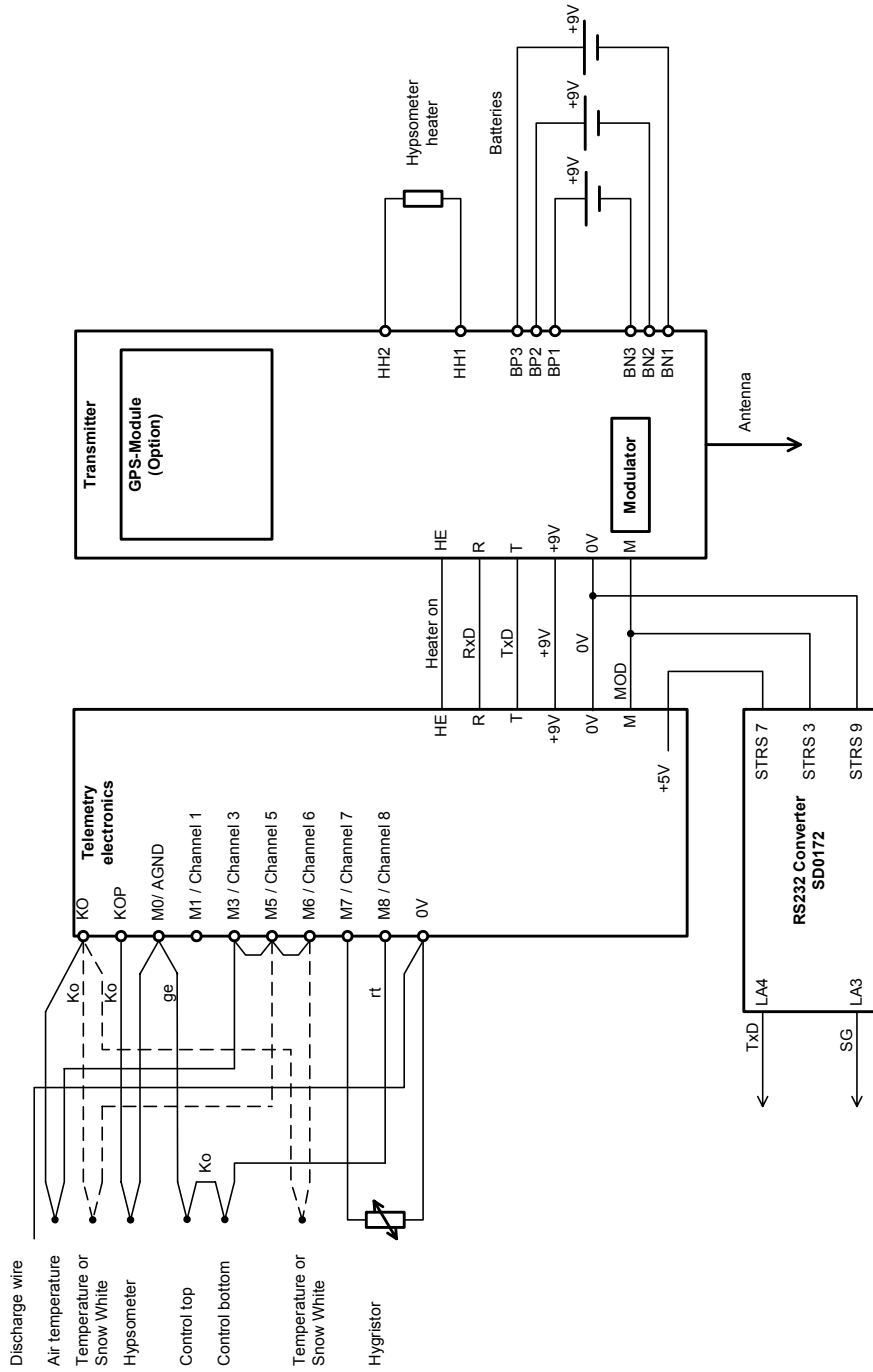
PTU-Sonde for ARGUS37 with modulator and RS232 converter.

Technical data

Measurement channels	Measured variable	Meas. range	Accuracy	Unit
Channel 0	Offset (internal used value)	-	-	-
Channel 1	Barometric pressure	5 ... 1100	0.2 % *)	hPa
Channel 2	Internal reference temperature	-10 ... + 50	±0.01	°C
Channel 3	Air temperature	-100 ... + 60	±0.01	°C
Channel 4	Span (internal used value)	-	-	-
Channel 5	Spare temperature or Snow White®	-100 ... + 60	±0.01	°C
Channel 6	Spare temperature or Snow White®	-100 ... + 60	±0.01	°C
Channel 7	Hygristor voltage	- 4 ... 1 x 10 ³	±0.01	µV
Channel 8	Hypsometer heater (internal used value)	-100 ... + 60	±0.01	°C
Channel sequence	0, ..., 8			
Interface	Description		Settings	Unit
Type	Asynchrony serial		0...5V level	
Baud rate	Transmission speed		2400	bps
Delay t ₁	Time signal TELEM active until 1 st start		2	ms
Delay t ₂	Time of last stop bit until TELEM inactive		0	ms
TELEM level	Active level of TELEM signal		0	V
Synch Characters	Synchronization of data transmission		2 / 255	
Baud rate GPS	Internal interface GPS to SRS-C34		4800	bps
Power supply	Description		Range	Unit
Supply source	6 x 1.5V batteries		8.5 ... 12	V
Power input	Without GPS-Module		ca. 180	mA
	With GPS-Module		ca. 235	mA

*) corresponding abt 20m geopotential accuracy

Block diagram



Physical dimensions

Measuring Unit	143 x 50 x 25 mm	(l x b x d)
Snow White® Sensor	210 x 260 x 90 mm	(l x b x d)
Hypsometer	15 x 170 mm	(D x l)

Ordering Information

- Radiosonde without GPS on request
- Radiosonde with GPS MRS-SRS-C34/021
- Radiosonde with SW on request
- Radiosonde with SW+GPS on request