

TEMPERATURE / HUMIDITY

enelean
We Measure



TEMPERATURE/HUMIDITY

TEMPERATURE

FILTERED TEMPERATURE HUMIDITY CONDUCTOR



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
0.2% ° C, 3 %rH Sensitivity
Plastic Probe + Filter
(Stainless or PTFE Filter)

CODE	EXPLANATION
ETRANS/HT2	Without Indicator
ETRANS/HT2	Indicator

STAINLESS PROBE TEMPERATURE MOISTURE CONDUCTOR



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
0.2% ° C, 3 %rH Sensitivity
Plastic Probe + Filter
(Stainless or PTFE Filter)

CODE	EXPLANATION	RECORD
ETRANS/HT2	Without Indicator	-
ETRANS/HT2	Without Indicator	1/2"
ETRANS/HT2	Indicator	-
ETRANS/HT2	Indicator	1/2"
ETRANS/HT2		Play Record

FILTERED WIRED TEMPERATURE MOISTURE CONDUCTOR



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Standard 5m. Cable

CODE	EXPLANATION
ETRANS/HT2	Without Indicator
ETRANS/HT2	Indicator

WIRED TEMP. HUMIDITY TRANSMITTER WITH STAINLESS PROBE



-40 ° C / 120 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Standard 5m. Cable

CODE	EXPLANATION	RECORD
ETRANS/HT2	Without Indicator	-
ETRANS/HT2	Without Indicator	1/2"
ETRANS/HT2	Indicator	-
ETRANS/HT2	Indicator	1/2"
ETRANS/HT2		Play Record

DUAL SENSOR TEMP. HUMIDITY TRANSMITTER WITH FILTER WIRED



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Standard 5m. Cable

CODE	EXPLANATION
ETRANS/HT2	Without Indicator
ETRANS/HT2	Indicator

DOUBLE SENSOR TEMP. HUMIDITY TRANSMITTER WITH STAINLESS PROBE



-40 ° C / 120 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Standard 5m. Cable

CODE	EXPLANATION	RECORD
ETRANS/HT2	Without Indicator	-
ETRANS/HT2	Without Indicator	1/2"
ETRANS/HT2	Indicator	-
ETRANS/HT2	Indicator	1/2"
ETRANS/HT2		Play Record

FILTERED DUCK TYPE TEMP.
HUMIDITY CONDUCTOR



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Standard 5m. Cable
Diping Type

CODE	EXPLANATION
ETRANS/HT2	Without Indicator
ETRANS/HT2	Indicator

STAINLESS PROBE DUCK TYPE
TEMP. HUMIDITY CONDUCTOR



-40 ° C / 80 ° C
4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy
Plastic Probe + Filter
(Stainless or PTFE Filter)
Diping Type

CODE	EXPLANATION	RECORD
ETRANS/HT2	Without Indicator	-
ETRANS/HT2	Without Indicator	1/2"
ETRANS/HT2	Indicator	-
ETRANS/HT2	Indicator	1/2"
ETRANS/HT2		Play Record

TEMPERATURE HUMIDITY
CONDUCTOR BODY



4-20mA, RS485 / Relay
24 VDC
% 0,2 ° C,% 3rH Accuracy

CODE	EXPLANATION
ETRANS/HT2-101	Without Indicator, Analogue
ETRANS/HT2-111	Indicator, Analogue
ETRANS/HT2-103	Without Indicator, Modbus
ETRANS/HT2-113	Indicator, Modbus

TEMPERATURE HUMIDITY CONDUCTOR BODY



CODE	EXPLANATION	EXPLANATION
ETRANS /PRP-PP15200	Plastic Probe Sensor + Teflon Filter	-40 ° C / 80 ° C
ETRANS /PRP-MP20X00	Stainless Probe Sensor	-40 ° C / 120 ° C
ETRANS /PRP-MD20X00	Stainless Probe Sensor 1/2 "	-40 ° C / 120 ° C
IMM/FLT.0002	Teflon Filter	PTFE
IMM/FLT.0003	Stainless Filter	Sintered Stainless
4x0,15 Kablo	Cable	4 Core, Metal Insulated

EXTERNAL ENVIRONMENT
SENSOR PROTECTOR



Wind, Snow, Rain, Sun etc.
Used to Protect Digital
Sensor from factors

CODE
RHRS

ETRANS20S RAIL TYPE
UNIVERSAL TRANSMITTER



0 ° C / 50 ° C
2x Universal Output
2x Universal Input
(Frequency, Thermoelement,
4-20mA, 0-10V)
Mathematical Calculation Feature
Free Setting Software
Input or Output can be Adjusted
via Software

CODE	EXPLANATION
ETRANS/205	1. Introduction
ETRANS/205	2. Introduction
ETRANS/205	Calorimeter
ETRANS/211	ETRANS211

ETRANS105 TEMPERATURE
CONTROLLER



Semi Universal Double Entry
2x8A Relay Output
0.1% Sensitivity
220 VAC or 24 VDC
With 1 NTC

CODE	EXPLANATION
ETRANS/105	Standard
ETRANS/NTC-001	Screwless NTC
ETRANS/NTC-002	Screw NTC
ETRANS/PT100	PT100

ETRANS406 PANEL TYPE TEMP.
HUMIDITY CONDUCTOR



1 Temperature Humidity Sensor
3 Relay Outputs
4-20mA, 0-10V, Rs485 Output
-40 ° C / 80 ° C Opt. 120 ° C
Standard 5m. Cable

CODE
ETRANS / 406
4x0,15 Kablo

ETRANS202 4 CHANNELS
SEMI UNIVERSAL CONVERTER



Pt100, Thermocouple, 4-20mA,
0-10V Input
Rs485 Output
4x8A Relay
0.2% Sensitivity

CODE
ETRANS/202

ETRANS910 RS485 to
USB CONVERTER



Micro USB Type B USB 2.0
Rs485 Half Duplex Contact
Adjustable between
4000-115200bps
No External Feeding Required

CODE
ETRANS/910

IN-HEAD CONVERTER



Pt100, Thermocouple Input
4-20mA Output
Scale Tunable
Free Setting Software

CODE	EXPLANATION
ETRANS-D148	RTD,TC,Ohm,Mv,Level
ETRANS-D248	RTD,TC,Ohm,Insulated

BAYONET TYPE THERMOCOUPLES / RTDs (FE-CONST)

ETB

VTB

DTB

Fixed Cable
Fully Insulated
Standard Thread Measure
M12x1.75

WALL TYPE TEMP. CONDUCTOR



Room Type Pt100 Temperature
Sensor
4-20mA Output
-40 ° C / 80 ° C
Programmable between -200 ° C
/ 400 ° C

CODE	EXPLANATION
ETRANS/918-A	Plastic
ETRANS/918-P	Aluminum

CODE	DIAMETER	GENUS	PLUNGE LENGTH	CABLE LENGTH
	Ø6	J Tipi	30mm	1m.
ETRANS-ETB30F06-1,5Ç	Ø6	J Tipi	30mm	1,5m.
ETRANS-ETB30F06-2Ç	Ø6	J Tipi	30mm	2m.
ETRANS-ETB30F06-3Ç	Ø6	J Tipi	30mm	3m.
ETRANS-ETB30F06-4Ç	Ø6	J Tipi	30mm	4m.
ETRANS-ETB30F06-5Ç	Ø6	J Tipi	30mm	5m.
ETRANS-ETB12F08-1Ç	Ø8	JTipi	12mm	1m.
ETRANS-ETB12F08-1,5Ç	Ø8	J Tipi	12mm	1,5m.
ETRANS-ETB12F08-2Ç	Ø8	J Tipi	12mm	2m.
ETRANS-ETB12F08-3Ç	Ø8	J Tipi	12mm	3m.
ETRANS-ETB12F08-4Ç	Ø8	J Tipi	12mm	4m.
ETRANS-ETB12F08-5Ç	Ø8	J Tipi	12mm	5m.
ETRANS-VTB30F06-1Ç	Ø6	J Tipi	30mm	1m.
ETRANS-VTB30F06-1,5Ç	Ø6	J Tipi	30mm	1,5m.
ETRANS-VTB30F06-2Ç	Ø6	J Tipi	30mm	2m.
ETRANS-VTB30F06-3Ç	Ø6	J Tipi	30mm	3m.
ETRANS-VTB30F06-4Ç	Ø6	J Tipi	30mm	4m.
ETRANS-VTB30F06-5Ç	Ø6	J Tipi	30mm	5m.
ETRANS-VTB12F08-1Ç	Ø8	J Tipi	12mm	1m.
ETRANS-VTB12F08-1,5Ç	Ø8	J Tipi	12mm	1,5m.
ETRANS-VTB12F08-2Ç	Ø8	J Tipi	12mm	2m.
ETRANS-VTB12F08-3Ç	Ø8	J Tipi	12mm	3m.
ETRANS-VTB12F08-4Ç	Ø8	J Tipi	12mm	4m.
ETRANS-VTB12F08-5Ç	Ø8	J Tipi	12mm	5m.
ETRANS-DTB30F06-1Ç	Ø6	JTipi	30mm	1m.
ETRANS-DTB30F06-1,5Ç	Ø6	J Tipi	30mm	1,5m.
ETRANS-DTB30F06-2Ç	Ø6	J Tipi	30mm	2m.
ETRANS-DTB30F06-3Ç	Ø6	J Tipi	30mm	3m.
ETRANS-DTB30F06-4Ç	Ø6	J Tipi	30mm	4m.
ETRANS-DTB30F06-5Ç	Ø6	J Tipi	30mm	5m.
ETRANS-DTB12F08-1Ç	Ø8	JTipi	12mm	1m.
ETRANS-DTB12F08-1,5Ç	Ø8	J Tipi	12mm	1,5m.
ETRANS-DTB12F08-2Ç	Ø8	J Tipi	12mm	2m.
ETRANS-DTB12F08-3Ç	Ø8	J Tipi	12mm	3m.
ETRANS-DTB12F08-4Ç	Ø8	J Tipi	12mm	4m.
ETRANS-DTB12F08-5Ç	Ø8	J Tipi	12mm	5m.

BAYONET TYPE THERMOCOUPLES / RTDs (PT-100)



Fixed Cable
Fully Insulated
Standard Thread Size
M12x1,75

CODE	DIAMETER	GENUS	PLUNGE LENGTH	CABLE LENGTH
ETRANS-ETB30P06-1Ç	Ø6	PT-100	30mm	1m.
ETRANS-ETB30P06-1,5Ç	Ø6	PT-100	30mm	1,5m.
ETRANS-ETB30P06-2Ç	Ø6	PT-100	30mm	2m.
ETRANS-ETB30P06-3Ç	Ø6	PT-100	30mm	3m.
ETRANS-ETB30P06-4Ç	Ø6	PT-100	30mm	4m.
ETRANS-ETB30P06-5Ç	Ø6	PT-100	30mm	5m.
ETRANS-ETB12P08-1Ç	Ø8	PT-100	12mm	1m.
ETRANS-ETB12P08-1,5Ç	Ø8	PT-100	12mm	1,5m.
ETRANS-ETB12P08-2Ç	Ø8	PT-100	12mm	2m.
ETRANS-ETB12P08-3Ç	Ø8	PT-100	12mm	3m.
ETRANS-ETB12P08-4Ç	Ø8	PT-100	12mm	4m.
ETRANS-ETB12P08-5Ç	Ø8	PT-100	12mm	5m.

TEMPERATURE / HUMIDITY GSM DATALOGGER



CODE

ETRANS/802

Inputs:	2 4-20mA / 0-10V Analog Inputs 2 Temperature Humidity Sensors 2 Logic Inputs 1 Rs485 Modbus RTU
Temp. Measurement range:	-40 ° C / + 120 ° C
Temp. Accuracy:	+/- 3 ° C
Temp. Resolution:	+/- 0.1 ° C
Humidity Measurement range:	0-100% rH
Humidity Accuracy:	+/- 2% rH
Moisture Resolution:	+/- 0.1% rH
Outputs:	4 pieces 220V SA AC Line Output 1 piece RS485 Modbus RTU
GSM Communication:	Quad-band; 850/900/1800 / 1900MHz
Screen:	2x16 LCD Display / 7 Keys
Memory:	100,000 Records / 10 Years Memory Storage Life
Feed:	10-32VDC
Power Consumption:	4W

- ▶ The device has the ability to read and record 2 analog data, 2 temperature humidity sensors, 2 logic inputs and 16 modbus parameters and send them to the web.
- ▶ Recording and web transmission times of all data read on the device can be adjusted.
- ▶ 16 parameters can be read and recorded with the Modbus protocol on the device.
- ▶ 32 alarms can be set on the device.
- ▶ Set up alarms can be assigned all parameters independently.
- ▶ 4 relays on the device can be configured according to these 32 alarms.
- ▶ The device works based on GSM.
- ▶ In alarm situations, it sends an information message to the user via SMS.
- ▶ All settings of the device can be adjusted on the website. At the same time, the desired settings can be made to the device via SMS.
- ▶ The data requested from the device can be read quickly via SMS.
- ▶ The settings of the device with Modbus protocol connected to the device can be changed on the website.
- ▶ Open / close information can be obtained from the logic inputs on the device.
- ▶ An SMS or alarm can be created in line with the information received from logic inputs.
- ▶ There is an internal battery on the device.
- ▶ In case of power failure, it can send data for 24 hours at specified intervals.
- ▶ Internal battery-network-sending statuses can be monitored on the device.
- ▶ There is a real time clock on the device.
- ▶ Time and date information can be updated on the web.
- ▶ Reporting of all data sent by the device to the website can be done.
- ▶ Data can be received in graphic-PDF-Excel format.
- ▶ The device can be fully controlled through the website, and all settings can be made online. Relay can be switched on / off by means as manual.
- ▶ Measurements can be taken from 2 points with 2 temperature humidity sensors in the device.