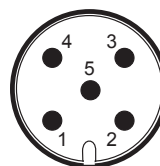
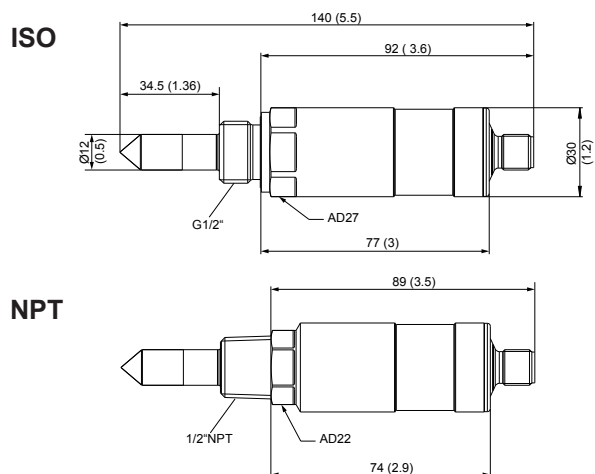


Dimensions in mm (inch)

Connection Diagram



Plug

- 1...V+
- 2...Analog output 4-20 mA
- 3...GND
- 4...RS485 A (=D+)
- 5...RS485 B (=D-)

Modbus Map

The measured values are 32Bit *float* values. The factory-set slave ID is 243 as *integer* 16Bit value. This ID can be customised in the register 0x00 (value range 1 - 247 permitted). For Modbus setting please see Application Note [AN0103](#). The factory setting of the transmission rate is: baud rate 9600, parity even, and stop bit 1.

FLOAT:

Register address	Protocol address	Parameter name
30032	0x1F	dew point Td
30042	0x29	frost point Tf

INTEGER:

Register address	Protocol address	Parameter name
60001	0x00	Slave-ID
60002	0x01	RS485 setting

Ordering Information

		EE354-T63G
Pressure-tight screw connection	G1/2" thread	A
	1/2" NPT thread	C
Software configuration		
Physical parameters	Dew point temperature Td	TD
Analog output	Frost point temperature Tf	TF
Td/Tf output scaling (in °C or °F)		xxx (acc. to table scaling ranges)
Measured value unit	metric [°C]	M
	non metric [°F]	N

Scaling Range

TD or TF									
002	-40...60	007	0...60	024	-20...80	048	-20...50	090	32...120
003	-10...50	008	-30...70	025	-20...60	060	-20...40	091	32...140
004	0...50	022	-40...80	047	-20...150	083	-40...140		

Accessories

M12x1 5pin mating plug suitable for customer-specific assembly	HA010708	sampling cell with quick connector	HA050102
M12x1 5pin connection cable socket/flying leads 1.5 m	HA010819	sampling cell NPT with bleed screw	HA050107
M12x1 5pin connection cable socket/flying leads 5 m	HA010820	basic sampling cell	HA050103
M12x1 5pin connection cable socket/flying leads 10 m	HA010821	stainless steel sinter filter	HA010103
		Modbus - USB converter for EE35x	HA011013

Order example

EE354-T63GA/TD060M

Pressure-tight screw connection: G1/2" thread
 Output: Dew point Td
 Scaling of output: 4-20 mA = -20...40 °C Td
 Measured value unit: metric [°C]