



# VAISALA

Order form

Valid from  
August 2023

## Moisture, Hydrogen and Temperature Transmitter for Transformer Oil MHT410

Vaisala Multiparameter Transmitter		MHT410	1	2	3	4	5
1	Probe	MHT410 with 1.5" NPT male thread for Mineral oils MHT410 with 1.5" NPT male thread for Natural Ester Oils MHT410 with 1.5" NPT male thread for Synthetic Ester Oils MHT410 with 1.5" NPT male thread for Silicone Oils	1 2 3 4				
2	Analog output parameters	None (only digital RS-485 / Modbus output)*		A	A	A	
3	and scalings for	Oil moisture; water activity (aw, 0... 1)		B	B	B	
4	CH1, CH2, CH3	Oil moisture; % relative saturation (% RS) Oil moisture; water ppm (0.. 100 ppm, in oil ppm)		C D	C D	C D	
	Sinking 4... 20 mA with all analog outputs	Hydrogen, H2 (0...5000 ppm, in oil ppm) <i>select to match with accessory display scale</i> Hydrogen, H2 (0... 2 000 ppm, in oil ppm) Temperature (-20...+80 °C / -4... +176 °F) Temperature (0...+120 °C / +32... +248 °F) Temperature (0... 200 °F / -17.8 °C... +93.3 °C)		E F G H J	E F G H J	E F G H J	
	SPECIAL SCALE	Define parameter (unit) for CH1: _____ (____) CH2: _____ (____) CH3: _____ (____) Define scale for CH1: _____ CH2: _____ CH3: _____		X	X	X	
				Channel 1 (CH1), selection 2 Channel 2 (CH2), selection 3 Channel 3 (CH3), selection 4			
* Digital RS-485 output with Modbus always includes in all models							
5	Options	No cable, only with M20 x 1.5 mm cable gland for cable 8...11 mm outer diameter No cable, only with M20 x 1.5 mm conduit fitting for NPT ½" conduit Factory installed 5 m Shielded PUR cable with M20 cable gland No cable, only with M20 x 1.5 mm cable gland for cable 11...14.5 mm outer diameter No cable, only with M20 x 1.5 mm cable gland for cable 5...9 mm outer diameter Indigo520 + 10m cable CBL210968-10M + M20 x 1.5 mm cable gland ASM213670 **	0 1 2 3 4 5				

\*\* Note: With Indigo520 option the power supply and output needs to be selected from the list below

- 15...35VDC / 24VAC
- Universal AC-Power (100...240 VAC), EUR Cord
- Universal AC-Power (100...240 VAC), US Cord
- Universal AC-Power (100...240 VAC), UK Cord
- Universal AC-Power (100...240 VAC), JP Cord
- Universal AC-Power (100...240 VAC), AUS Cord
- Power Over Ethernet, PoE Ethernet, PoE+ 802.3at

**Selections in bold are included in the prices of the basic versions.**

*Selections in italic are available at an extra price.*

Example of order code with typical settings:

MHT410	<b>1</b>	<b>B</b>	<b>E</b>	<b>G</b>	<b>0</b>
	1	2	3	4	5

### Accessories

242003	Nokeval 302 Loop Powered Display with 2 Relays
219690	USB Serial Interface Cable
219980	MI70 Hand-held Indicator Service Cable
242422	External DIN Rail Power Supply, 85-264 VAC / 24 VDC
CBL210392-5MSP	5 meter shielded PUR cable
CBL210392-10MSP	10 meter shielded PUR cable
214728SP	Cable Gland M20 x 1.5 for 8... 11 mm cable
250365SP	Cable Gland M20 x 1.5 for 11..14.5 mm cable
214780SP	Conduit Fitting M20 x 1.5 for NPT½" Conduit
BALLVALVE-3SET	1.5" NPT ball valve with welding fitting
CBL210968-10M	10 meter shielded PUR cable for connecting to Indigo 500
ASM213670SP	Cable Gland M20 x 1.5 for 5...9 mm cable