

VAISALA

Order form

Valid from
August 2023

Moisture, Hydrogen and Temperature Transmitter for Transformer Oil MHT410

			1	2	3	4	5
Vaisala Multiparameter Transmitter			MHT410				
1	Probe	MHT410 with 1.5" NPT male thread for Mineral oils	1				
		MHT410 with 1.5" NPT male thread for Natural Ester Oils	2				
		MHT410 with 1.5" NPT male thread for Synthetic Ester Oils	3				
		MHT410 with 1.5" NPT male thread for Silicone Oils	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)		C	C	C	
		Oil moisture; water ppm (0.. 100 ppm, in oil ppm)		D	D	D	
	Sinking 4... 20 mA	Hydrogen, H2 (0...5000 ppm, in oil ppm) <i>select to match with accessory display scale</i>		E	E	E	
	with all analog outputs	Hydrogen, H2 (0... 2 000 ppm, in oil ppm)		F	F	F	
		Temperature (-20...+80 °C / -4... +176 °F)		G	G	G	
		Temperature (0...+120 °C / +32... +248 °F)		H	H	H	
		Temperature (0... 200 °F / -17.8 °C... +93.3 °C)		J	J	J	
	SPECIAL SCALE	Define parameter (unit) for CH1: _____ (____) CH2: _____ (____) CH3: _____ (____)		X	X	X	
		Define scale for CH1: _____ CH2: _____ CH3: _____					
			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					0
		No cable, only with M20 x 1.5 mm conduit fitting for NPT ½" conduit					1
		Factory installed 5 m Shielded PUR cable with M20 cable gland					2
		No cable, only with M20 x 1.5 mm cable gland for cable 11...14.5 mm outer diameter					3
		No cable, only with M20 x 1.5 mm cable gland for cable 5...9 mm outer diameter					4
		Indigo520 + 10m cable CBL210968-10M + M20 x 1.5 mm cable gland ASM213670 **					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	1	B	E	G	0
	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