

产品更新声明函

维萨拉 | 温湿度 | HMP155

更新内容

改善温湿度传感器海洋防腐蚀能力，增加传感器生命周期。

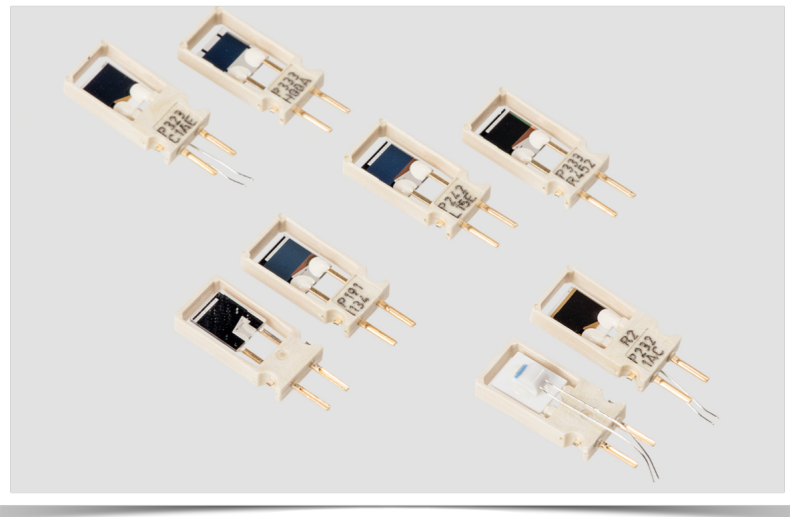
更新项目

增加两款温湿度传感器（选型表第6项对应5.6选型）

1.传感器选型表第5项为R2探头，适用于海洋低供电要求，适合船载，浮标，台站等。

2.传感器选型表第6项为R2C探头，探头带有电加热功能，可以有效延长传感器使用寿命，适用于极低维护次数，适用于无人场所或高准确度要求等场所，最大电流150mA。

注：原选型表于2021年10月27日作废，请及时更新资料



新的选型表

Order form

DIOC21625 rev 10

Valid until 2021-05-04

Order no.

HMP155 Humidity and Temperature Probe

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Vaisala HUMIP55[®] Humidity and Temperature Probe	HMP155														Price
Probe type	HMP155A 2-wire voltage output (RS485 for service use) HMP155D Voltage output for RH, 4-wire P100 resistive output for T (RS485 for service use) HMP155E RS485 serial output RS485 serial output (only for HMP155E)														A D E
Signal output selection	HMP155E RS485 serial output 0...1 V output 0...5 V output 0...10 V output														1 2 3 4
Analogue output signal for CH1	None T (+40...+60 °C) T (-80...+60 °C) RH (0...100%RH) T (+40...+60 °C) T (+40...+80 °C) T (-80...+60 °C) T (0...200%RH g)														A B C D E F G
Choose option A for HMP155D or HMP155E	T (+40...+60 °C) T (-80...+60 °C) RH (0...100%RH) T (+40...+60 °C) T (+40...+80 °C) T (-80...+60 °C) T (0...200%RH g)														A B C D E F G
Choose option B for HMP155D	T (+40...+60 °C) T (-80...+60 °C) RH (0...100%RH) T (+40...+60 °C) T (+40...+80 °C) T (-80...+60 °C) T (0...200%RH g)														A B C D E F G
Units	Metric Non-metric														1 2
Humidity sensor type	General purpose Composite sensor General purpose Composite sensor General purpose Composite sensor														1 2 3 4 5 6
Heating options	None Warmed probe (only with composite sensor) Warmed probe with Xheat (only with composite sensor)														A B C
Chemical purpose	None Periodical (only with composite sensor) Start-up (only with composite sensor) Both periodic & start-up (only with composite sensor) Manual purge with M70 (only with composite sensor) Sintered Teflon filter														0 1 2 3 4 5
Sensor protection	Membrane filter No cable (no coupler connector) 3.5 m (with 8 pin M12 female connector) 10 m (with 8 pin M12 female connector) 30 m (with 8 pin M12 female connector) 5 m (with 8 pin M12 female connector) None (if probe type D selected, please select option A) Additional T-probe with 2m cable No Additional T-probe & data format for Vaisala AWS/RWS Use (HMP155-CF08) Additional T-probe with 2m Cable & data format for Vaisala AWS/RWS Use (HMP155-CF09) Additional T-probe with 2m Cable, Purge & data format for Vaisala AWS/RWS Use (HMP155-CF10)														(item: 2194528P) (item: 2302728P) A B C D E F G
Probe cable length	No cable (no coupler connector) 3.5 m (with 8 pin M12 female connector) 10 m (with 8 pin M12 female connector) 30 m (with 8 pin M12 female connector) 5 m (with 8 pin M12 female connector)														0 1 2 3 4
Additional Temperature probe	None (if probe type D selected, please select option A) Additional T-probe with 2m cable No Additional T-probe & data format for Vaisala AWS/RWS Use (HMP155-CF08) Additional T-probe with 2m Cable & data format for Vaisala AWS/RWS Use (HMP155-CF09) Additional T-probe with 2m Cable, Purge & data format for Vaisala AWS/RWS Use (HMP155-CF10)														A B C D E F G
Calibration	At room temperature None														1 A
PC-Accessories	PC connection cable (USB) M70 connection cable None														A B C
Installation accessories	PC connection cable (USB) & M70 connection cable None Installation kit to Stevenson screen Additional T-probe installation adapter to DTR502 Additional T-probe installation adapter to DTR13														D E F G H
5 (if for production use only)															A

(*) Note! If warmed probe is chosen and additional temperature sensor is not used
sintered coupler for (25) only. Teflon coupler must not be selected

Qty
Total value