

### 特性

- HUMICAP®
- 0... 100% RH  
+180 °C
- 
- 
- ASCII RS-232
- 100 bar

HMT 310

HUMICAP®

HMT 310

### 一线多模式输出

HMT 310 10... 35 V  
M12 8  
RS-232

### 化学物质清除功能

### 多种功能可供选择

HMT 310

- 
- 
- 
- 
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### 用于苛刻应用的六种型号

HMT 310

- HMT 311
- HMT 313
- HMT 314 100 bar
- HMT 315
- HMT 317
- HMT 318 40 bar

## 测量性能

### 相对湿度

		0... 100%RH
+20 °C (90%)	0.1 m/s	17 s 50 s 60 s
(+20 °C)		± 0.6% RH (0... 40%RH) <sup>1)</sup> ± 1.0% RH (40... 97%RH) <sup>1)</sup>
2)3)		
+15... +25 °C		± 1% RH (0... 90%RH) ± 1.7% RH (90... 100%RH)
- 20... +40 °C		± 1.0 + 0.008 x %RH
- 40... +180 °C		± 1.5 + 0.015 x %RH

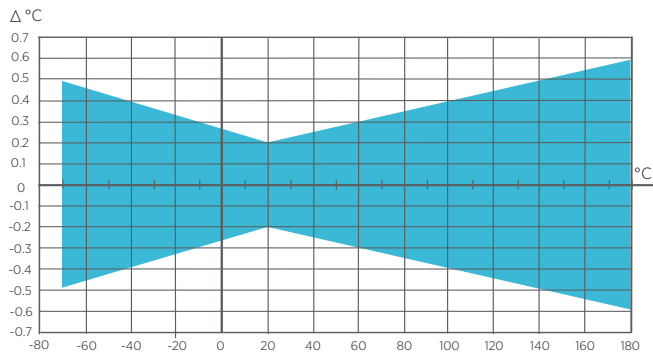
### 湿度传感器类型

HUMICAP® 180R	
HUMICAP® 180RC	/
HUMICAP® 180V	H <sub>2</sub> O <sub>2</sub>
HUMICAP® 180VC	H <sub>2</sub> O <sub>2</sub>

### 温度

HMT311		- 40... +60 °C
HMT313		- 40... +80 °C - 40... +120 °C
HMT314 HMT315 HMT317 HMT318		- 70... +180 °C
+20 °C		± 0.2 °C Pt100RTD F0.1 IEC 60751

- 1) ± 2  
2) HUMICAP® 180V 180VC  
3) - 20 °C



## 工作环境

		- 40... +60 °C
		- 55... +80 °C
<b>操作压力</b>		
HMT314		0... 100 bar
HMT318		0... 40 bar
HMT315 HMT317		0... 10 bar
EMC		EN61326-1

## 输入和输出

		0... 20mA 4... 20mA 0... 5V 0... 10V 1... 5V
+20 °C		± 0.05 % 0.005 %/°C
		RS-232C
	M12 8	RS-232C U <sub>in</sub>
	/	
		10... 35VDC
		R <sub>L</sub> < 500
		3 s
<b>最低工作电压</b>		
RS-232C		10VDC
		15VDC
		15VDC
	10bara	24VDC
<b>功耗</b>		
RS-232		12mA
U <sub>out</sub> 10V (10k )	1 2	12mA
I <sub>out</sub> 20mA	511 1	50mA
2		
24 VDC		+ 220mA
24 VDC		+ 240mA

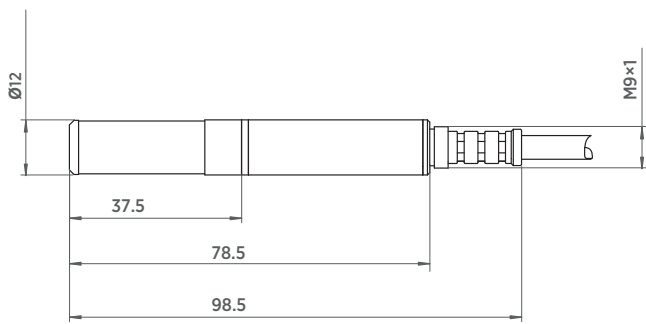
## 机械规格

		G-AISI10Mg
		PPS
IP		IP66
		2m 5m 10m
		M12 8 5m
		8 4... 8mm
		PPS PPS
		H <sub>2</sub> O <sub>2</sub>

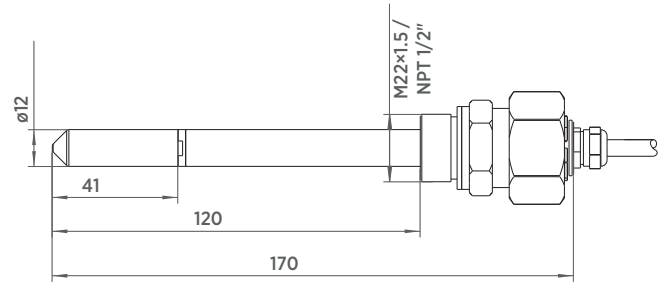
## 备件和配件

		ASM211103
USB		238607
PPS		DRW010281SP
PPS		DRW010276SP
	AISI 316L	HM47280SP
		HM47453SP
		214848SP
	H <sub>2</sub> O <sub>2</sub>	231865

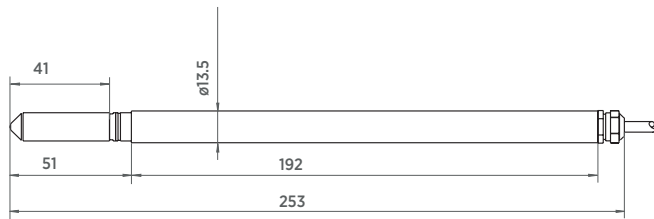
尺寸 (以 mm 表示)



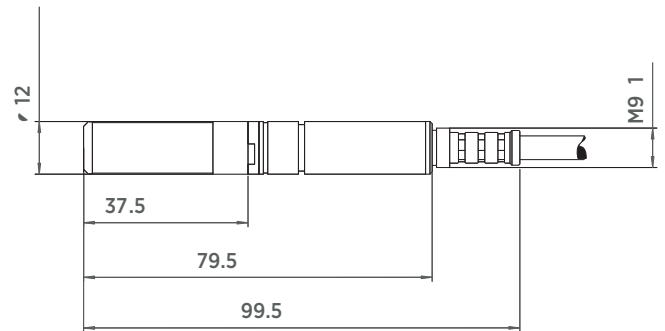
HMT313



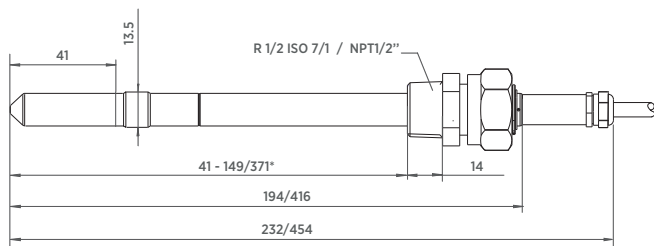
HMT314



HMT315

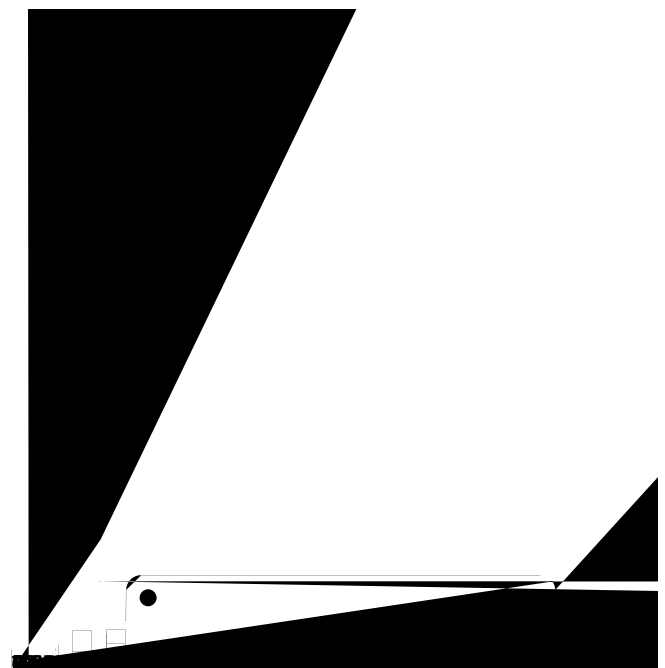


HMT317



标准/可选探头的长度  
\* 用户可调的长度

HMT318



HMT310

