

工业级 油微水变送器

Dew Point Sensor



SDH3F00系列

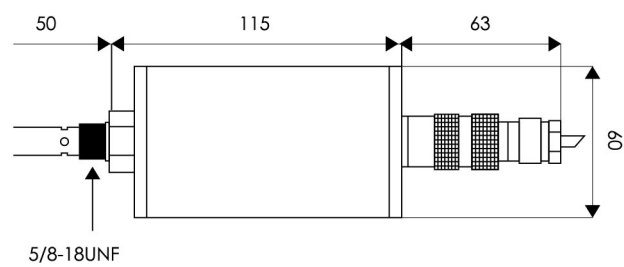
应用于化工、发电、造船、钢铁、食品、机械等行业各种油品及化工原料等液体中绝对水含量测量

- 在线测量硅树脂油，生物油，酯类油等含水量，输出绝对含水量ppm/%
- 根据使用用户的油, 进行卡尔—费休滴定法校准（ASTM D1533）
- 长期稳定性好
- 系统压力可达300bar（4350psi）
- 结构坚固可靠，防护等级IP65，可根据要求提供防爆设计

技术参数 Technical Parameter

参数	Specifications	技术指标 Technical Data
测量范围	Measurement Ranges water content	from about 10 to 10000 ppm in oil, according to type
兼容的介质	Medium compatibility	differs with aggressive substances and has to be established respectively
输出信号	Output signal	4~20 mA RS 232 data I/ O for connection of a computer switching output(optional) 24 V DC, max. 100 mA
连接螺纹	Connection thread	5/8-18UNF, width across flats:22mm
电气连接	Electrical connection	circular connector, 7 - pin, type Binder 723
精度	Measurement accuracy	depending on calibration data, error less than 10% of limit of measurement range accessible
耐压值	Endurance pressure	max. 300 bar
电源电压	Supply voltage	24VDC (18~ 28VDC), about 30 – 70 mA
测量温度范围	Measurement temperature range	-20~+70℃
工作温度范围	Operating temperature range	-20~+70℃
防护等级	Protection class to DIN 40050	IP65
重量	weight	about 450 g

外形尺寸图 **Dimensions**



选型表 **Model code**

SDH3F

X

X - X

机械连接: Mechanical Connection

7= 5/8-18 UNF(male)
2=G1/2 thread adapter(intertal thread 5/8-18 UNF to G1/2 external thread)
M= 客户订制

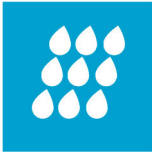
量程 Range

4= Standard

测管长度 Measuring pipe length in mm

5 = 50 mm(standard)
M = 客户订制

非标准长度请提前与厂商确认



接线定义 **Pin connections**

Pin	Signal	Description
1	GND	supply connection earth
2	analog output	4~20 mA
3	+24VDC	Supply connection 18~28VDC
4	RS232 GND	data interface RS232 earth connection
5	RS232 TxD	data output RS232
6	RS232 RxD	data input RS232
7	switching output	switching output,open or connected to supply +24V
	24VDC/max.70mA	