

PAH sensor Memosens CFS51

Memosens sensor for measuring the concentration of polycyclic aromatic hydrocarbons in discharge water of marine exhaust gas cleaning systems (EGCS)



优势:

- The uniquely long factory maintenance interval saves you a lot of costs and organizational effort
- The optionally available flow assembly holds the sensor at the ideal installation angle to minimize disturbing influences caused by air bubbles. In addition, it can be tilted for quick mounting and dismantling of the sensor.
- DNV approved integrated turbidity correction in the range of 0-50 FNU
- High material compliance of sensor and flow assembly according to IACS E10 (flame retardancy)
- The solid-state reference makes calibration very easy for the end user - and you can completely eliminate the need for toxic phenantrene, which increases safety for your employees and the environment
- The suitability of the solid-state reference for calibration and readjustment of the PAH sensor on board was confirmed by DNV

详细信息和最新价格参见:

www.endress.com.cn/CFS51

产品规格参数

- **测量范围** 0.000 to 5000 PAHphe
- **过程温度** -5 to 55 °C (20 to 130 °F)
- **过程压力** 10 bar abs. (just the sensor) 6 bar abs. (combination sensor and assembly)

应用领域: The rugged and low-maintenance Memosens CFS51 fluorescence sensor measures polycyclic aromatic hydrocarbons (PAHs) in accordance with MEPC.259(68) and MEPC.340(77). Thanks to the practical solid-state reference, you can readjust and calibrate the sensor onboard the vessel - supported by user-friendly guidance in the

transmitter menu. This makes the calibration procedure simple and error-free, and you benefit from an exceptionally long factory maintenance interval of 4 years.

特征和规格

浓度

测量原理

Fluorescence measurement

应用

PAH measurement in marine exhaust gas cleaning systems

测量范围

0.000 to 5000 PAHphe

设计

40 mm sensor

材质

Titanium grade 3.7035
Optical windows: sapphire
O-rings: FKM

过程温度

-5 to 55 °C (20 to 130 °F)

过程压力

10 bar abs. (just the sensor)
6 bar abs. (combination sensor and assembly)

防护等级

IP68
NEMA 6P

其他证书

Marine type approvals by DNV, LR, BV, ABS
Statement of compliance according to MEPC.259(68) and
MEPC.340(77) by DNV

更多信息 www.endress.com.cn/CFS51