

+ Stainless Steel Scanner Flow Computer and MC-III Turbine Totalizer

As a market leader in offshore technology, Sensia offers a 316 stainless steel flame-proof* enclosure option for two of its most popular electronic devices, the Scanner® 2000 flow computer and the MC-III™ turbine totalizer. This option was created in response to customer requests to eliminate the use of aluminum or steels that corrode. Previously the moisture, salt, and warmth of an offshore tropical marine environment quickly degraded the appearance and then ultimately compromised the safety of aluminum flame-proof* enclosures.

To complete an entire corrosion-resistant package, the Scanner 2000 is coupled to a turbine flow meter by a 304 stainless steel tube or directly to a combination differential pressure and absolute pressure MVT. The standard MVT body is also all 316 stainless and, with the selection of Inconel bolts, it is a preferred configuration for marine applications.



Scanner 2000 Flow Computer



MC-III Turbine Totalizer

CERTIFICATION

The Scanner 2000 flow computer and MC-III turbine

totalizer are available with ATEX and IEC certifications.

Scanner Classification

- + Ex d IIC T6 Gb (combustible gas)
- + Ex tb IIIC T85° C Db (combustible dust)
- + Ta = -40° F to 158° F (-40° C to 70° C)
- + IP 66

The MC-III totalizer certification, Ex db IIC T6 Gb, is functionally identical to the Scanner 2000 certification.

The Ex db IIC T6 Gb combustible gas category classification supersedes Ex d IIC T6 Gb.

Where required, Sensia turbines are also offered with ATEX and PED companion certifications.

Weight, Dimensions, and Finish

- + 1.54 kg greater than existing models
- + No dimensional changes
- + Housing exterior is unpainted, cast stainless steel therefore non-structural surface imperfections are common

OPTIONS AND ACCESSORIES

Sensia offers a wide range of marine-suitable options and accessories to enhance the capabilities and ease-of-use for the base product. For more information on applications and other detailed specifications, consult your Sensia representative or visit our website at sensiaglobal.com.