



# TECHNICAL INFORMATION

15ppm Bilge Alarm type BilgMon 488

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## Production versions

### GENERAL

The 15ppm bilge alarm type BilgMon 488 is manufactured in several slightly different versions. When buying a new BilgMon 488 or when buying spares for an existing one, it is important to understand the difference between the versions and which spares are suitable for a specific version.

### COMPLETE NEW EQUIPMENT

For a complete new 15ppm bilge alarm type BilgMon 488, you must specify the following criteria.

- The master unit is available in a high voltage version for **115/230V AC** supply and a low voltage version for **24V AC/DC** supply.

- The master unit alarm limit on the standard **15ppm** version is programmable from 1ppm to 15ppm, and on the special **5ppm** version it is programmable from 1ppm to 5ppm.

- The equipment is currently available in two different production series versions.

On the production **series 4A, 4AE, 4AC, 4EDA, and 4BFA**, the master unit electrical terminal numbers are exactly the same as for older installations done with series A, AE, EDA, and BFA equipment. That might be an advantage if a replacement is performed by someone with limited understanding of electrical connections and wiring diagrams.

On the production **series 5** (produced in parallel with the earlier series), the master unit electrical terminal numbers are slightly different, but it also has some improved features compared to the previous series (see separate info). For example, an extra signal input for an optional flow sensing switch, higher current limit for the ASD relay output, and a reminding function for sensor unit age. On production series 5 the user may also configure the optional signal output either as a current output (0-20mA or 4-20mA) corresponding to 0 – 30ppm, or as a digital RS422 data output containing oil content as well as status info.

### SPARE MASTER UNITS

Spare master units are delivered in all the different versions as described above (voltage version, alarm limit version, sensor unit compatibility, and production series version). Master units series 4A, 4AE, and series 5 with serial numbers 5xxA only work with black sensor units (series B, 1B, and 2B). Master units series 4EDA and series 5 with serial numbers 5xxE only work with blue sensor units (series EDB and 1EDB). Master units series 4BFA and series 5 with serial numbers 5xxF only work with silver sensor units (series BFB).

### SPARE SENSOR UNITS

Spare sensor units are delivered in all different versions. Black sensor units (series 2B, same as series B and 1B) only work with master units series A, 4A, AE, 4AE, 4AC, and 5xxA. Blue sensor units (series 1EDB, same as series EDB) only work with master units series EDA, 4EDA, and 5xxE. Silver sensor units (series BFB) only work with master units series BFA, 4BFA, and 5xxF.